# **Product Datasheet**

## SMYD3 Antibody - BSA Free NBP2-55477

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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## NBP2-55477

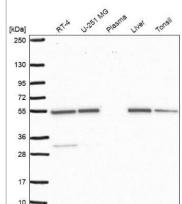
SMYD3 Antibody - BSA Free

| Storage Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  Clonality Polyclonal Preservative 0.02% Sodium Azide Isotype IgG Purity Affinity purified Buffer PBS (pH 7.2) and 40% Glycerol  Product Description Host Rabbit Gene ID 64754 Gene Symbol SMYD3 Species Human Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details Applications Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  | SWITD3 ANIIDOdy - BSA Free  |   |
|--|-----------------------------|---|
| Concentration  Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  Storage  Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  Clonality  Polyclonal  Preservative  0.02% Sodium Azide  Isotype  IgG  Purity  Affinity purified  Buffer  PBS (pH 7.2) and 40% Glycerol  Product Description  Host  Rabbit  Gene ID  64754  Gene Symbol  SMYD3  Species  Human  Immunogen  This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications  Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions  Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes  For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use | Product Information         |   |
| Storage Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  Clonality Polyclonal Preservative 0.02% Sodium Azide Isotype IgG Purity Affinity purified Buffer PBS (pH 7.2) and 40% Glycerol  Product Description Host Rabbit Gene ID 64754 Gene Symbol SMYD3 Species Human Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:  | Unit Size                   | 100 ul  |
| cycles.  Clonality Polyclonal  Preservative 0.02% Sodium Azide  Isotype IgG  Purity Affinity purified  Buffer PBS (pH 7.2) and 40% Glycerol  Product Description  Host Rabbit Gene ID 64754  Gene Symbol SMYD3  Species Human  Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1.500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Concentration               |   |
| Preservative   0.02% Sodium Azide  | Storage                     | ·   |
| Isotype IgG Purity Affinity purified Buffer PBS (pH 7.2) and 40% Glycerol  Product Description Host Rabbit Gene ID 64754 Gene Symbol SMYD3 Species Human Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Clonality                   | Polyclonal  |
| Purity Affinity purified Buffer PBS (pH 7.2) and 40% Glycerol  Product Description  Host Rabbit Gene ID 64754 Gene Symbol SMYD3  Species Human Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Preservative                | 0.02% Sodium Azide  |
| Buffer PBS (pH 7.2) and 40% Glycerol  Product Description  Host Rabbit Gene ID 64754  Gene Symbol SMYD3  Species Human  Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use   | Isotype                     | IgG   |
| Product Description  Host Rabbit  Gene ID 64754  Gene Symbol SMYD3  Species Human  Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:   | Purity                      | Affinity purified   |
| Host Rabbit Gene ID 64754  Gene Symbol SMYD3  Species Human Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use   | Buffer                      | PBS (pH 7.2) and 40% Glycerol   |
| Gene ID  Gene Symbol  SMYD3  Species  Human  Immunogen  This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications  Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions  Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes  For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Product Description         |   |
| Gene Symbol SMYD3 Species Human This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use   | Host                        | Rabbit  |
| Species Human This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Gene ID                     | 64754   |
| Immunogen This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Recommended Dilutions Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use   | Gene Symbol                 | SMYD3   |
| following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK AWPDHKRECKCLKSCKPRYPPDSVR  Product Application Details  Applications  Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes  For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Species                     | Human   |
| ApplicationsWestern Blot, Immunohistochemistry, Immunohistochemistry-ParaffinRecommended DilutionsWestern Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000,<br>Immunohistochemistry-Paraffin 1:500 - 1:1000Application NotesFor IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use   | Immunogen                   | following amino acid sequence: GELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKYCSAKCQKK |
| Recommended Dilutions  Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes  For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Product Application Details |   |
| Immunohistochemistry-Paraffin 1:500 - 1:1000  Application Notes  For IHC-Paraffin, HIER pH 6 retrieval is recommended.  Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin                   |
| Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use  | Recommended Dilutions       |   |
|  | Application Notes           | Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use               |

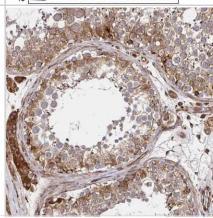


## **Images**

Western Blot: SMYD3 Antibody [NBP2-55477] - Analysis in human cell line RT-4, human cell line U-251 MG, human plasma, human liver tissue and human tonsil tissue.



Immunohistochemistry-Paraffin: SMYD3 Antibody [NBP2-55477] - Immunohistochemical staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts, Leydig cells were strongly stained.





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## **Products Related to NBP2-55477**

NBP2-55477PEP SMYD3 Recombinant Protein Antigen

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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