

Product Datasheet

MED12 Antibody - BSA Free

NBP1-86669

Unit Size: 0.1 ml

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

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NBP1-86669

MED12 Antibody - BSA Free

Product Information

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|----------------------|--|
| Unit Size | 0.1 ml |
| 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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

Product Description

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|--------------------|---|
| Description | Novus Biologicals Rabbit MED12 Antibody - BSA Free (NBP1-86669) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 9968 |
| Gene Symbol | MED12 |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: LPTTMTGVMGLEPSSYKTSVYRQQQPAVPQGQRLRQQQLQAKIQSQGMLGQS SVHQMTTPSSSYGLQTSQGYTPYVSHVGLQQHTGPAGTMVPPSYSSQPYQST HPSTNPTLVDPTRHLQQRPSGYVHQQAPTYGHGLTS |

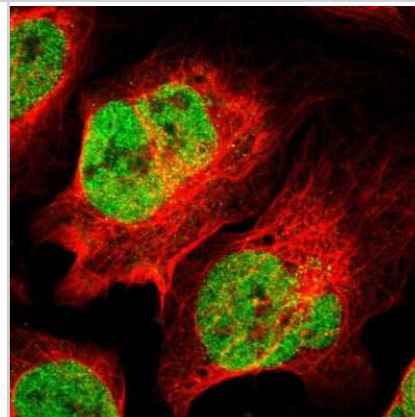
Product Application Details

| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq, Knockdown Validated |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. |

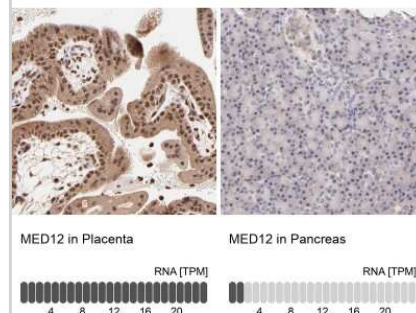


Images

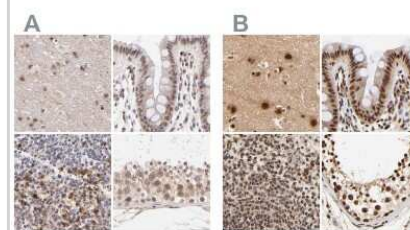
Immunocytochemistry/Immunofluorescence: MED12 Antibody [NBP1-86669] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



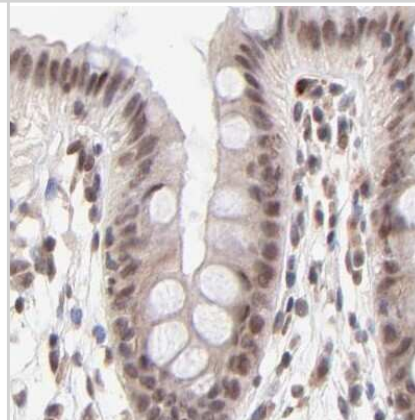
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] - Staining in human placenta and pancreas tissues using anti-MED12 antibody. Corresponding MED12 RNA-seq data are presented for the same tissues.



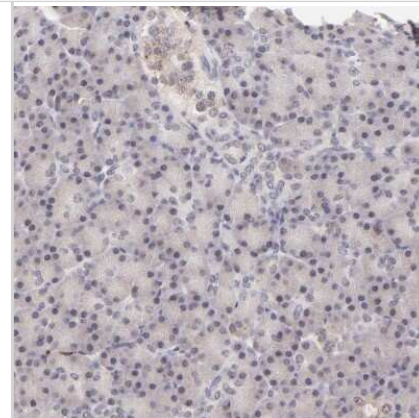
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] - Staining of human cerebral cortex, colon, spleen and testis using Anti-MED12 antibody NBP1-86669 (A) shows similar protein distribution across tissues to independent antibody NBP1-86670 (B).



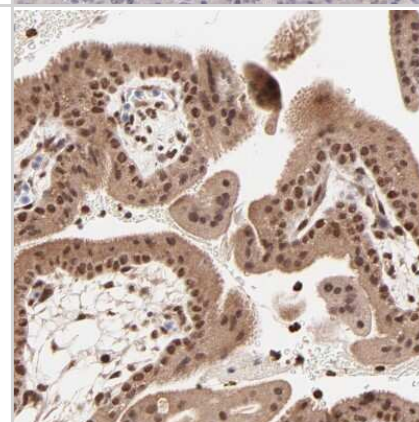
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] - Staining of human colon.



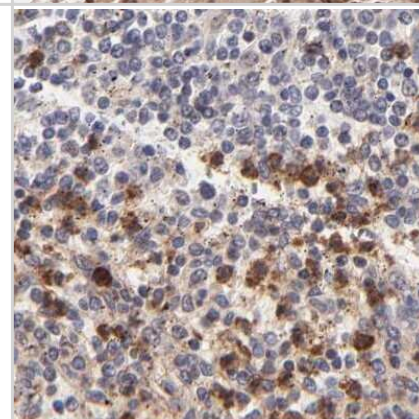
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] -
Staining of human pancreas shows low expression as expected.



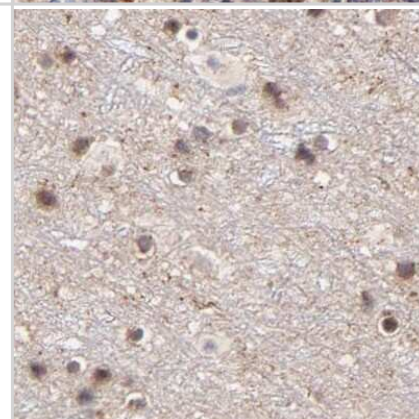
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] -
Staining of human placenta shows high expression.



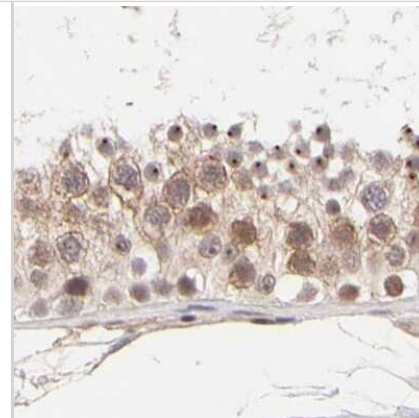
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] -
Staining of human spleen.



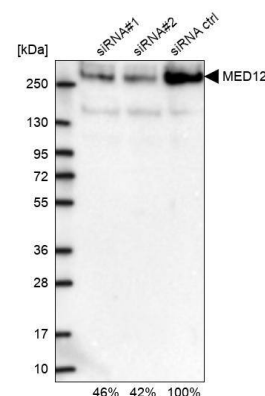
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] -
Staining of human cerebral cortex.



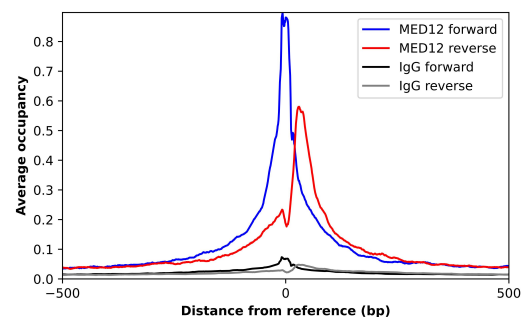
Immunohistochemistry-Paraffin: MED12 Antibody [NBP1-86669] - Staining of human testis.



Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MED12 antibody. Remaining relative intensity is presented.



ChIP-Exo-Seq composite graph for Anti-MED12 (NBP1-86669) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP1-86669

| | |
|---------------|---|
| NBP1-86669PEP | MED12 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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