

# Product Datasheet

## BACE-1 Antibody - BSA Free

### NBP1-62416

Unit Size: 100 ul

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

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**NBP1-62416**

BACE-1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	51 kDa

**Product Description**

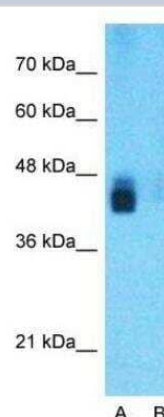
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	23621
<b>Gene Symbol</b>	BACE1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptides corresponding to BACE1/beta-secretase 1 (beta-site APP-cleaving enzyme 1) The peptide sequence was selected from the N terminal of BACE1/beta-secretase 1 (NP_036236). Peptide sequence GGGYYVEMTVGSPQTLNILVDTGSSNFAVGAAPHPFLHRYRQLSSTY. The peptide sequence for this immunogen was taken from within the described region.

**Product Application Details**

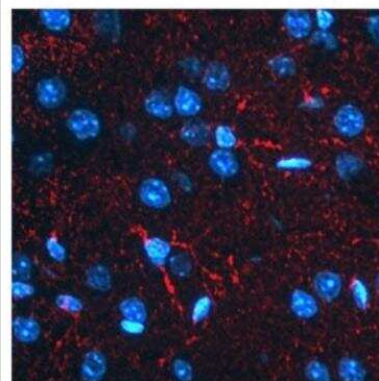
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 4-8 ug/ml

**Images**

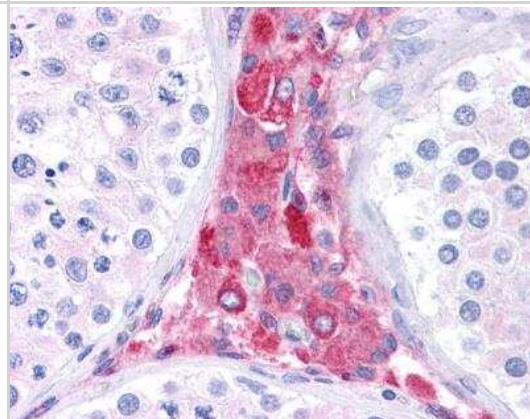
Western Blot: BACE-1 Antibody [NBP1-62416] - Human Fetal Liver.  
Lane A: Primary Antibody. Lane B: Primary Antibody + Blocking Peptide.



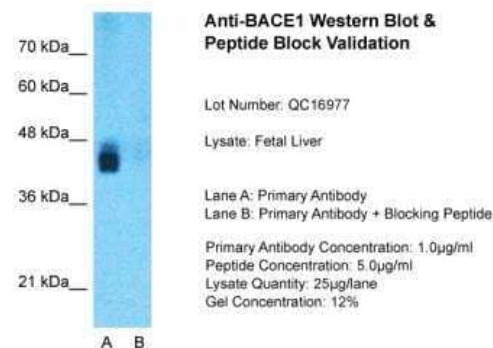
Immunocytochemistry/Immunofluorescence: BACE-1 Antibody [NBP1-62416] - Mouse astrocytes (red fluorescence). Nuclei were stained with DAPI (blue fluorescence).



Immunohistochemistry-Paraffin: BACE-1 Antibody [NBP1-62416] - Human testis tissue at an antibody concentration of 4-8ug/ml.



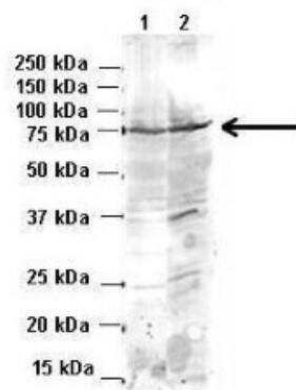
Western Blot: BACE-1 Antibody [NBP1-62416] - Sample Tissue: Human Fetal Liver, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1ug/ml, Peptide Concentration: 5ug/ml, Lysate Quantity: 25ug/lane/lane



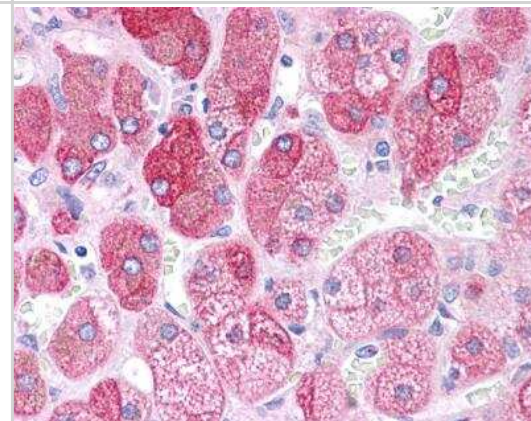
Western Blot: BACE-1 Antibody [NBP1-62416] - Astrocytes, Antibody Titration: 0.2-1 ug/ml



Western Blot: BACE-1 Antibody [NBP1-62416] - Mouse WT brain and Rat brain, concentration 2ug/ml.



Immunohistochemistry-Paraffin: BACE-1 Antibody [NBP1-62416] - Human adrenal tissue at an antibody concentration of 4-8ug/ml.





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### **Products Related to NBP1-62416**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77307PEP	BACE-1 Antibody Blocking Peptide

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### **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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