

Product Datasheet

APP Antibody (JE30-54)

NBP3-32034

Unit Size: 100 ul

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

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NBP3-32034

APP Antibody (JE30-54)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE30-54
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	87 kDa

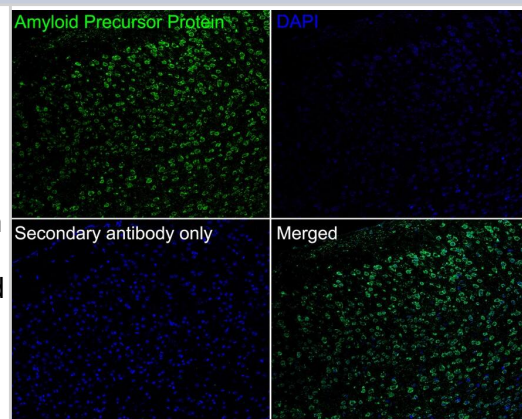
Product Description	
Description	Novus Biologicals Rabbit APP Antibody (JE30-54) (NBP3-32034) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide. (Uniprot: P05067)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000

Images

Immunohistochemistry-Frozen: APP Antibody (JE30-54) [NBP3-32034] - Immunofluorescence analysis of frozen mouse cerebral cortex tissue with Rabbit anti-APP antibody (NBP3-32034) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for about 2 minutes in microwave oven. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32034, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Western Blot: APP Antibody (JE30-54) [NBP3-32034] - Western blot analysis of APP on different lysates with Rabbit anti-APP antibody (NBP3-32034) at 1/1,000 dilution.

Lane 1: PC-3 cell lysate
 Lane 2: K-562 cell lysate (negative)
 Lane 3: Mouse brain tissue lysate
 Lane 4: Mouse skeletal muscle tissue lysate (negative)
 Lane 5: Rat brain tissue lysate
 Lane 6: Rat skeletal muscle tissue lysate (negative)

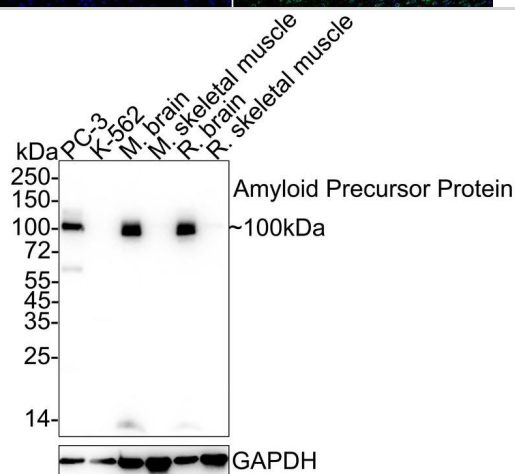
Lysates/proteins at 20 ug/Lane.

Predicted band size: 87 kDa
 Observed band size: 100 kDa

Exposure time: 20 seconds; ECL;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32034) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: APP Antibody (JE30-54) [NBP3-32034] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-APP antibody (NBP3-32034) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32034) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32034

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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