Anti-Amyloid Precursor Protein Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R011252

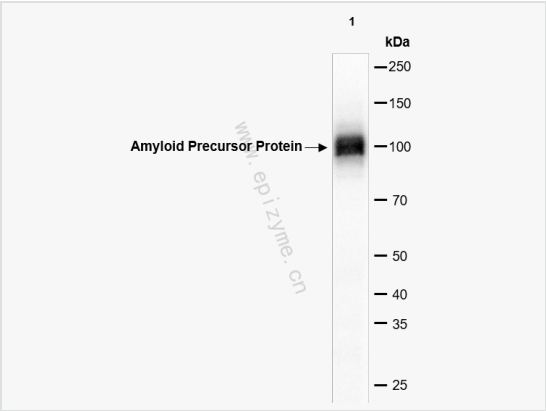
Product Information

Application	IHC-P/IF (Tissue-P), IF (Cell)/ICC, WB, ELISA
Reactivity	Human, Rat, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	26K25L88
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Amyloid Precursor Protein
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88] is for research use only and not for use in diagnostic or therapeutic procedures.

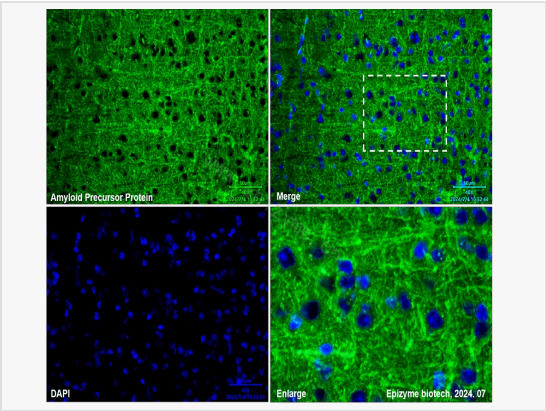
Protein Information

Synonyms	APP, A4, AD1, Amyloid beta A4 protein, ABPP, APPI, APP, Alzheimer disease amyloid protein, Cerebral vascular amyloid peptide, CVAP, PreA4, Protease nexin-II, PN-II.
Calculated MW	Calculated MW: 100 kDa; Observed MW: 100 kDa
Uniprot ID	P05067
Gene ID	351
Background	APP a cell surface receptor that influences neurite growth, neuronal adhesion and axonogenesis. Cleaved by secretases to form a number of peptides, some of which bind to the acetyltransferase complex Fe65/TIP60 to promote transcriptional activation.

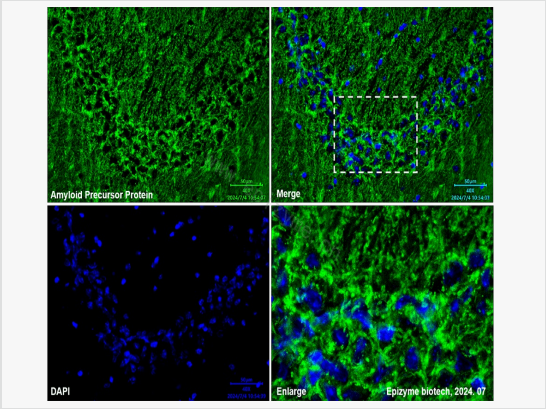
Validation Images



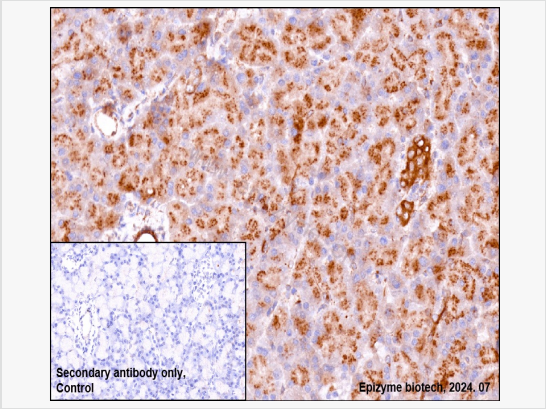
Western Blot - Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88]
All lanes: R011252 at 1:1,000 dilution
Lane 1: Balb/c mouse brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 87 kDa
Observed band size: 100 kDa
Developed using the ECL technique (Cat. No. SQ201).



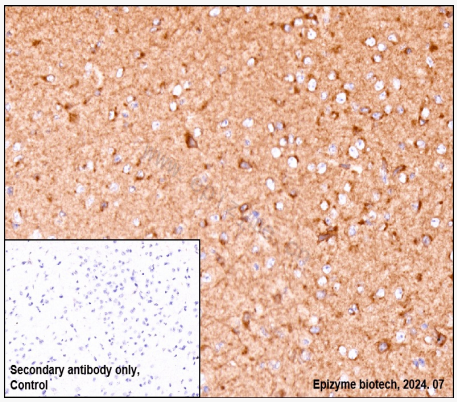
Immunofluorescence - Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue (section of cerebral cortexs)
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011252 at 1:100 dilution
Secondary antibody: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green)
Nuclei were stained with DAPI (shown in blue).



Immunofluorescence - Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue (section of hippocampus)
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011252 at 1:100 dilution
Secondary antibody: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green)
Nuclei were stained with DAPI (shown in blue).



Immunohistochemistry - Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88]
Sample: Paraformaldehyde-fixed, paraffin embedded rat pancreas tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011252 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Amyloid Precursor Protein Rabbit mAb [26K25L88]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011252 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.