

Product Datasheet

APP Antibody NBP2-15575

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15575

APP Antibody

Product Information

| | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Thimerosal |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol |
| Target Molecular Weight | 87 kDa |

Product Description

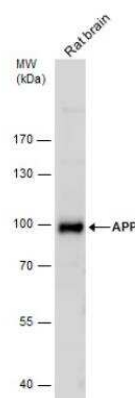
| | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 351 |
| Gene Symbol | APP |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Xenopus laevis (83%). |
| Immunogen | Recombinant protein encompassing a sequence within the N-terminus region of human APP. The exact sequence is proprietary. |

Product Application Details

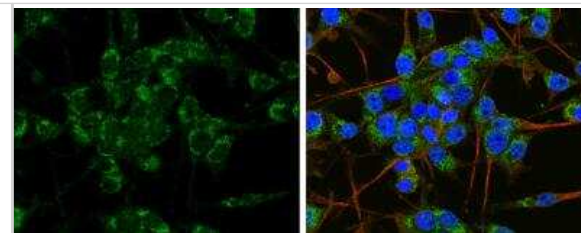
| | |
|------------------------------|--|
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:3000, ELISA 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

Images

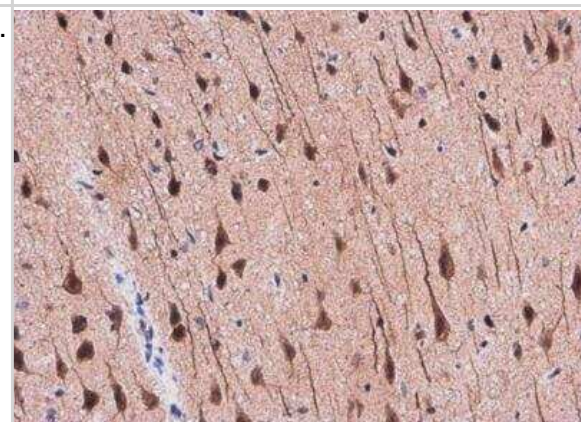
Western Blot: APP Antibody [NBP2-15575] - Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with APP antibody diluted at 1:500.



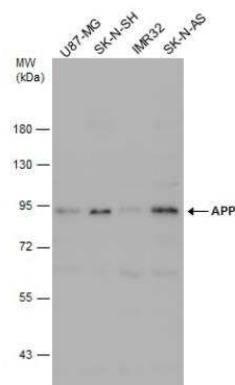
Immunocytochemistry/Immunofluorescence: APP Antibody [NBP2-15575] - SH-SY5Y cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: APP protein stained by APP antibody diluted at 1:100. Red: beta Tubulin 3/ TUJ1 protein stained by beta Tubulin 3/ TUJ1 antibody diluted at 1:200. Blue: Hoechst 33342 staining.



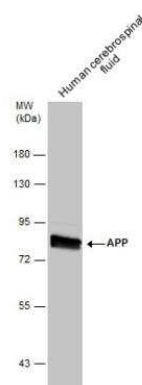
Immunohistochemistry-Paraffin: APP Antibody [NBP2-15575] - Rat brain. APP antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



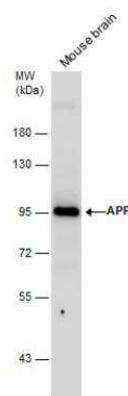
Western Blot: APP Antibody [NBP2-15575] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with APP antibody diluted at 1:500.



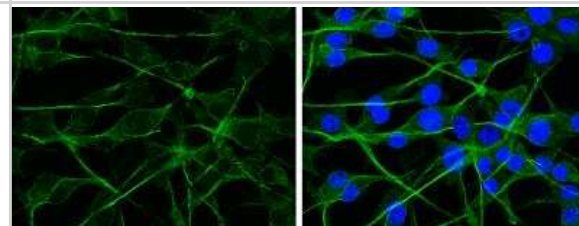
Western Blot: APP Antibody [NBP2-15575] - Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with APP antibody diluted at 1:500. Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with APP antibody diluted at 1:500.



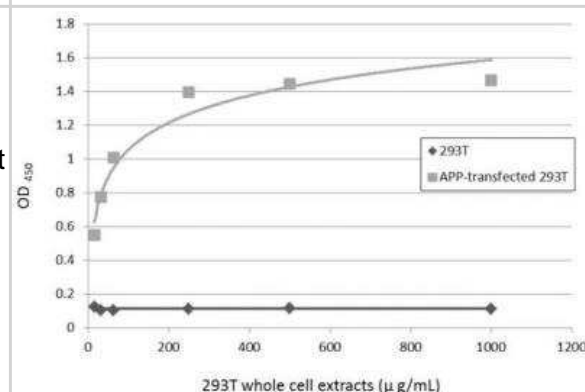
Western Blot: APP Antibody [NBP2-15575] - Mouse tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with APP antibody diluted at 1:500.



Immunocytochemistry/Immunofluorescence: APP Antibody [NBP2-15575] - U-87 MG cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: APP protein stained by APP antibody diluted at 1:100. Blue: Hoechst 33342 staining.



ELISA: APP Antibody [NBP2-15575] - Detection of non-transfected and transfected 293T whole cell extracts using NBP2-15575 as capture antibody at concentration of 5 ug/mL and a mouse monoclonal anti-APP antibody as detection antibody at concentration of 1 ug/mL. Mouse IgG antibody (HRP) (NBP2-19382) was diluted at 1:10000 and used to detect the primary antibody.



Publications

Zaidi Y, Corker A, Vasileva VY Et al. Chronic Porphyromonas gingivalis lipopolysaccharide induces adverse myocardial infarction wound healing through activation of CD8+ T cells American journal of physiology. Heart and circulatory physiology 2021-11-01 [PMID: 34597184] (WB, Mouse)

Choi JY, Yeo IJ, Kim KC et al. K284-6111 prevents the amyloid beta-induced neuroinflammation and impairment of recognition memory through inhibition of NF-kB-mediated CHI3L1 expression J Neuroinflammation 2018-08-11 [PMID: 30098604] (WB, Mouse)



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Products Related to NBP2-15575

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-90246PEP | APP Recombinant Protein Antigen |

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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