

Product Datasheet

APH1A Antibody NB100-74360

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NB100-74360

APH1A Antibody

Product Information	
Unit Size	100 ug
Concentration	0.69 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.005% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Description	Novus Biologicals Rabbit APH1A Antibody (NB100-74360) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. Anti-APH1A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51107
Gene Symbol	APH1A
Species	Human, Mouse
Specificity/Sensitivity	APH-1
Immunogen	Synthetic peptide, KLH conjugated, corresponding to residues C (245) R R Q E D S R V M V Y S A L R I P P E D (265) of human APH-1aL/CT.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	WB: Detects an approx. 18 kDa protein representing APH-1 in mouse brain and kidney extracts. ChIP usage was reported in the scientific literature (PMID: 20145246).



Images

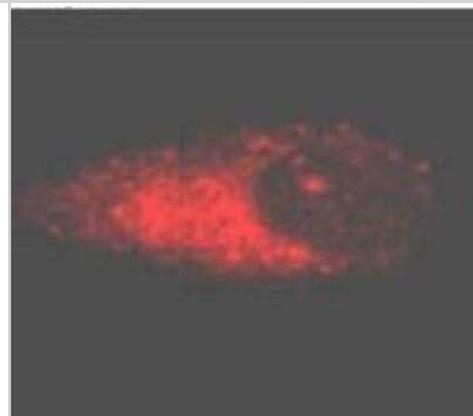
Western Blot: APH1A Antibody [NB100-74360] - Analysis of mouse brain and kidney extracts.

Fig. 1

~18 kDa



Immunocytochemistry/Immunofluorescence: APH1A Antibody [NB100-74360] - Staining of APH-1 in human KNS-42 glioma cells.



Publications

Yi L, Li J, He Y et al. ELK1 inhibition alleviates amyloid pathology and memory decline by promoting the SYVN1-mediated ubiquitination and degradation of PS1 in Alzheimer's disease. *Experimental & Molecular Medicine* 2025-05-01 [PMID: 40307574]

Area-Gomez E, de Groof AJ et al. Presenilins are enriched in endoplasmic reticulum membranes associated with mitochondria. *Am J Pathol*;175(5):1810-6. 2009-11-01 [PMID: 19834068]

Gu Y, Chen F et al. APH-1 interacts with mature and immature forms of presenilins and nicastrin and may play a role in maturation of presenilin.nicastrin complexes. *J Biol Chem*;278(9):7374-80. 2003-02-28 [PMID: 12471034]



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Products Related to NB100-74360

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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