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# Datasheet for ABIN190762 anti-APH1A antibody (Internal Region)

3 Images



### Overview

Quantity:	100 µg
Target:	APH1A
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APH1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	APH1A
Immunogen:	Peptide with sequence C-HVTDRSDARLQYG, from the internal region of the protein sequence according to NP_001071096.1, NP_057106.2.
Sequence:	HVTDRSDARL QYG
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_001071096.1) and isoform 2 (NP_057106.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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### Product Details

Grade:

Verified

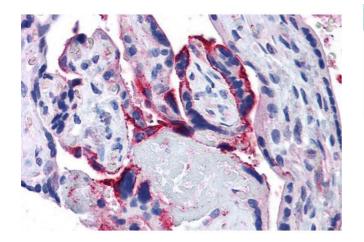
# Target Details

Target:	APH1A
Alternative Name:	APH1A (APH1A Products)
Background:	APH1A, anterior pharynx defective 1 homolog A (C. elegans), 6530402N02Rik, APH-1A, CGI-78 , anterior pharynx defective 1 homolog A
Gene ID:	51107
NCBI Accession:	NP_001071096, NP_057106
Pathways:	Notch Signaling, Neurotrophin Signaling Pathway
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta and Kidney. Recommended concentration: 5 µg/mL. Western Blot: Approx 26 kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 26.8 kDa according to NP_057106.2). Recommended concentration: 0.05- 0.1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

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Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

### Images



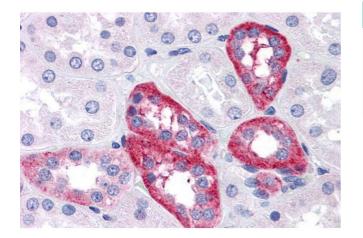
#### Immunohistochemistry

**Image 1.** ABIN190762 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

### Western Blotting

**Image 2.** ABIN190762 (0.05µg/ml) staining of Human Brain (Cerebral Cortex) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



#### Immunohistochemistry

**Image 3.** ABIN190762 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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