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Research Use Only. Not for diagnostic or therapeutic use.

# EB07860 - Goat Anti-APH1A Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** APH1A, anterior pharynx defective 1 homolog A (C. elegans), 6530402N02Rik, APH-1A, CGI-78, anterior pharynx defective 1 homolog A

Official Symbol: APH1A

Accession Number(s): NP\_001071096.1; NP\_057106.2

Human GenelD(s): 51107

Important Comments: This antibody is expected to recognize isoform 1

(NP\_001071096.1) and isoform 2 (NP\_057106.2).

## **Immunogen**

Peptide with sequence C-HVTDRSDARLQYG, from the internal region of the protein sequence according to NP\_001071096.1; NP\_057106.2.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

**Western blot:** Approx 26kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 26.8kDa according to NP\_057106.2). Recommended concentration: 0.05-0.1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Placenta and Kidney. Recommended concentration: 5µg/ml.

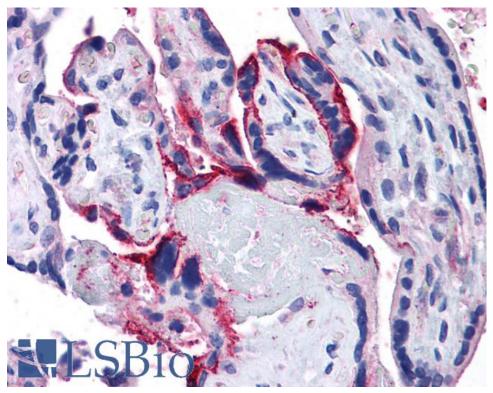
### **Species Reactivity**

Tested: Human

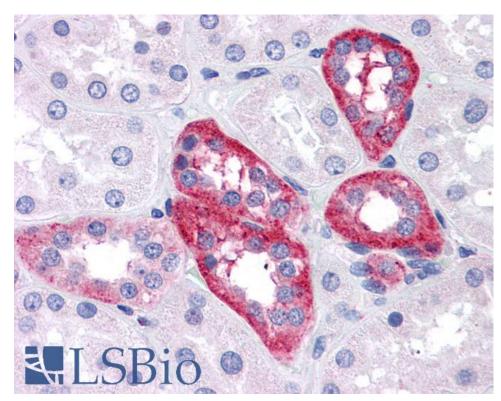
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB07860 ( $0.05\mu g/ml$ ) staining of Human Brain (Cerebral Cortex) lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.



EB07860 ( $5\mu$ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07860 ( $5\mu g/ml$ ) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.