

Goat anti-APH1A Antibody

Item Number	dAP-1150
Target Molecule	Principle Name: APH1A; Official Symbol: APH1A ; All Names and Symbols: APH1A; anterior pharynx defective 1 homolog A (C. elegans); 6530402N02Rik; APH-1A; CGI-78 ; anterior pharynx defective 1 homolog A; Accession Number (s): NP_001071096.1; NP_057106.2; Human Gene ID(s): 51107; Non-Human Gene-ID(s):
Immunogen	HVTDRSDARLQYG, is from internal region This antibody is expected to recognize isoform 1 (NP_001071096.1) and isoform 2 (NP_057106.2).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Placenta and Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Spasic D, Raemaekers T, Dillen K, Declerck I, Baert V, Serneels L, Fullekrug J, Annaert W. Rer1p competes with APH-1 for binding to nicastrin and regulates gamma-secretase complex assembly in the early secretory pathway. J Cell Biol. 2007 Feb 26;176(5):629-40. .PMID: 17325205 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**