

Goat anti-AP2A1 (aa706-727) Antibody

Item Number	dAP-2767
Target Molecule	Principle Name: AP2A1 (aa706-727); Official Symbol: AP2A1; All Names and Symbols: AP2A1; adaptor-related protein complex 2, alpha 1 subunit; ADTAA; AP2-ALPHA; CLAPA1; 100 kDa coated vesicle protein A; AP-2 complex subunit alpha-1; adapter-related protein complex 2 alpha-1 subunit; adaptin, alpha A; adaptor protein complex AP-2 subunit ; Accession Number (s): NP_055018.2; Human Gene ID(s): 160; Non-Human GeneID(s): 11771 (mouse) 308578 (rat)
Immunogen	ELEPPAPESPMALLADPAPAAD, is from internal region This antibody is expected to recognize reported isoform 1 (NP_055018.2) only.
Applications	Pep ELISA, WB, IHC, ICC Species Tested: Human, Mouse
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 110kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 108kDa according to NP_055018.2). The same band is observed in Mouse Brain, but not in Mouse Liver or Mouse Kidney lysates. Recommended concentration: 0.0
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

Reference Reference(s): Kitagawa Y, Kameoka M, Shoji-Kawata S, Iwabu Y, Mizuta H, Tokunaga K, Fujino M, Natori Y, Yura Y, Ikuta K. Inhibitory function of adapter-related protein complex 2 alpha 1 subunit in the process of nuclear translocation of human immunodeficiency virus type 1 genome. Virology. 2008 Mar 30;373(1):171-

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**