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DATA SHEET

Goat anti-AP2A1 (aa706-727), Biotinlyated Antibody

Item Number

dAP-3436

Target Molecule

Principle Name: AP2A1 (aa706-727), Biotinlyated; 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; adapter-related protein complex 2 alpha-1 subunit; adapter-related protein complex 2 subunit alpha-1; adaptin, alpha A; adaptor protein c; Accession Number (s): NP_055018.2; Human Gene ID (s): 160; Non-Human GeneID(s):

Immunogen

CELEPPAPESPMALLADPAPAAD., is from internal region
This antibody is expected to recognize reported isoform 1 (NP_055018.2) only.

Applications

Pep ELISA, WB

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; Reconsititute 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. See non-biotinylated parental

IHC

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 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

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