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Datasheet for ABIN5539682

anti-alpha Adaptin antibody (AA 706-727) (Biotin)

Overview

Quantity:	100 µg
Target:	alpha Adaptin (AP2A1)
Binding Specificity:	AA 706-727
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This alpha Adaptin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	AP2A1 (aa706-727), Biotinlyated
Sequence:	CELEPPAPES PMALLADPAP AAD.
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform 1 (NP_055018.2) only.
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	alpha Adaptin (AP2A1)
Alternative Name:	AP2A1 (AP2A1 Products)
Background:	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
Gene ID:	160
NCBI Accession:	NP_055018
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , EGFR Downregulation

Application Details

Application Notes:	Western Blot: Approx 110 kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 108 kDa 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 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
Storage Comment:	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.