Datasheet for ABIN453516

anti-AP2A2 antibody (Middle Region)

Go to Product page

1 Image

Overview

Quantity:	0.4 mL
Target:	AP2A2
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human AP2A2
Specificity:	This antibody reacts to AP2A2.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AP2A2
Alternative Name:	AP2A2 / HIP9 (AP2A2 Products)
Background:	Adaptins are components of the adaptor complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Alpha adaptin is a subunit of the plasma membrane adaptor. It binds polyphosphoinositides.Synonyms: 100 kDa coated vesicle protein C, ADTAB, AP-2 complex subunit alpha-2, Adapter-related protein

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Target Details

	complex 2 alpha-2 subunit, Adaptor protein complex AP-2 subunit alpha-2, Alpha-2-adaptin, Alpha-adaptin C, CLAPA2, HYPJ, Huntingtin yeast partner J, Huntingtin-interacting protein 9, Huntingtin-interacting protein J, KIAA0899, Plasma membrane adaptor HA2/AP2 adaptin alpha C subunit, lathrin assembly protein complex 2 alpha-C large chain
Gene ID:	161
NCBI Accession:	NP_036437
UniProt:	O94973
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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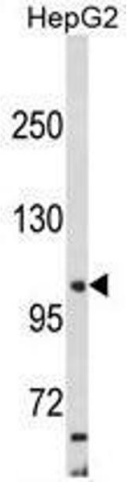

Western Blotting

Image 1. Western blot analysis of AP2A2 Antibody (Center) in HepG2 cell line lysates (35ug/lane). AP2A2 (arrow) was detected using the purified Pab.

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