

Datasheet for ABIN950446

anti-AP2B1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	AP2B1
Binding Specificity:	AA 516-546, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2B1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 516-546 amino acids from the Central region of human AP2B1
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AP2 complex subunit beta-1.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AP2B1
Abstract:	AP2B1 Products

Target Details

Background:	The protein encoded by this gene is one of two large chain components of the assembly protein complex 2, which serves to link clathrin to receptors in coated vesicles. The encoded protein is found on the cytoplasmic face of coated vesicles in the plasma membrane. Two transcript variants encoding different isoforms have been found for this gene.Synonyms: ADTB2, AP105B, AP2B1, Adapter-related protein complex 2 beta-1 subunit, Beta adaptin, Beta2-adaptin, CLAPB1, Clathrin assembly protein complex 2 beta large chain, Plasma membrane adaptor HA2/AP2 adaptin beta subunit
Gene ID:	163
NCBI Accession:	NP_001025177
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , EGFR Downregulation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
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.



Western Blotting

Image 1. AP2B1 Antibody (Center) western blot analysis in A2058 cell line lysates (35µg/lane). This demonstrates the AP2B1 antibody detected the AP2B1 protein (arrow).