

## Datasheet for ABIN950446

## anti-AP2B1 antibody (Middle Region)





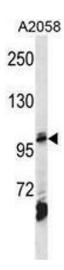
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Quantity:	0.4 mL
Target:	AP2B1
Binding Specificity:	AA 516-546, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2B1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product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