

Datasheet for ABIN4886461

anti-AP2B1 antibody (AA 311-522)

1 Image



Go to Product page

()	ve	rvi	6	W
\sim	v C	1 V I	\sim	v v

Quantity:	100 μg
Target:	AP2B1
Binding Specificity:	AA 311-522
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2B1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for AP-2 complex subunit beta(AP2B1) detection. Tested with WB in Human, Mouse, Rat.
Purpose: Immunogen:	
	WB in Human, Mouse, Rat. E. coli-derived human AP2B1 recombinant protein (Position: Q311-R522). Human AP2B1 shares
Immunogen:	WB in Human, Mouse, Rat. E. coli-derived human AP2B1 recombinant protein (Position: Q311-R522). Human AP2B1 shares 100% amino acid (aa) sequence identity with both mouse and rat AP2B1.
Immunogen: Isotype:	WB in Human,Mouse,Rat. E. coli-derived human AP2B1 recombinant protein (Position: Q311-R522). Human AP2B1 shares 100% amino acid (aa) sequence identity with both mouse and rat AP2B1. IgG

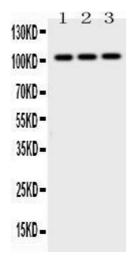
Target Details

Target:	AP2B1	
Alternative Name:	AP2B1 (AP2B1 Products)	
Background:	AP-2 complex subunit beta is a protein that in humans is encoded by the AP2B1 gene. It is	
	mapped to 17q12. 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: Adaptin, beta 2 (beta) ADTB2 AP105B AP2 BETA Ap2b1 Beta adaptin Beta-2	
	adaptin Beta-adaptin Beta2 adaptin CLAPB1 P63010	
Gene ID:	163	
UniProt:	P63010	
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation	
Application Details		
Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, Mouse, Rat	
	Notes: Tested Species: Species with positive results.	
	Other applications have not been tested. Optimal dilutions should be determined by end users	
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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.	

Handling

Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing	
	and thawing.	

Images



Western Blotting

Image 1. Western blot analysis of AP2B1 expression in rat testis extract (Lane 1), mouse brain extract (Lane 2) and MCF-7 whole cell lysates (Lane 3). AP2B1 at 104KD was detected using rabbit anti- AP2B1 Antigen Affinity purified polyclonal antibody (Catalog #) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).