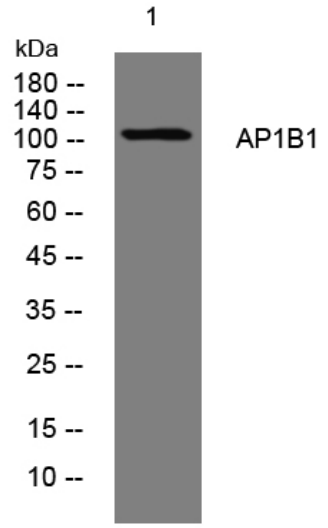
AP1B1 rabbit pAb

Catalog No	YP-Ab-08086
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	AP1B1 ADTB1 BAM22 CLAPB2
Immunogen	Synthesized peptide derived from human AP1B1 AA range: 215-265
Specificity	This antibody detects endogenous levels of AP1B1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.201% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Adaptor protein complex AP-1 subunit beta-1;Adaptor-related protein complex 1 subunit beta-1;ADTB1;AP 1 complex subunit beta 1;AP-1 complex subunit beta-1;AP1B1;AP1B1 ADTB1 BAM22 CLAPB2;AP-1 complex subunit beta-1 (Adapter-related protein complex 1 subunit beta-1) (Adaptor protein complex AP-1 subunit beta-1) (Beta-1-adaptin) (Beta-adaptin 1) (Clathrin assembly protein complex 1 beta large chain) (Golgi adaptor HA1/AP1 adaptin beta subunit)
Observed Band	105kD
Calculated Molecular Weight	105kD
Cell Pathway	Golgi apparatus. Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.
Tissue Specificity	Widely expressed.
Function	disease:Deletion of the AP1B1 gene may play a role in the tumorigenesis of meningiomas.,function:Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of

	transmembrane cargo molecules.,similarity:Belongs to the adaptor complexes large subunit family.,subcellular location:Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex., subunit:Adaptor protein complex 1 (AP-1) is an heterotetramer composed of two large adaptins (gamma-type subunit AP1G1 and beta-type subunit AP1B1), a medium adaptin (mu-type subunit AP1M1 or AP1M2) and a small adaptin (sigma-type subunit AP1S1 or AP1S2 or AP1S3).,tissue specificity:W
Background	Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as one of the large subunits of this complex and is a member of the adaptin protein family. This gene is a candidate meningioma gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4°over night