

Datasheet for ABIN731143
anti-AP2B1 antibody (AA 351-450) (Cy5.5)



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Overview

Quantity:	100 µL
Target:	AP2B1
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2B1 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human beta Adaptin
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	AP2B1
Alternative Name:	beta Adaptin/AP2 beta (AP2B1 Products)
Background:	Synonyms: Adaptin beta 1 beta prime, _-Adaptin, Adaptin _1, Adaptin-_1, Adaptin beta 2 beta,

Target Details

Adaptin beta 2, Adaptin, beta 2 beta, Adaptor protein complex AP 1 beta 1 subunit, Adaptor related protein complex 1 beta 1 subunit, Adaptor related protein complex 1, beta 1 subunit, Adaptor related protein complex 2 beta 1 subunit, Adaptor related protein complex 2, beta 1 subunit, ADTB 1, ADTB 2, ADTB1, ADTB2, AP 1 complex subunit beta 1, AP 105A, AP 105B, AP 2 complex subunit beta 1, AP1 Beta, AP1 complex subunit beta 1, AP105A, AP105B, AP1B1, AP2 beta, AP2 complex subunit beta 1, AP2B1, AP2beta, BAM 22, BAM22, Beta adaptin, Beta prime adaptin, Beta1 adaptin, Beta2 adaptin, CLAPB 1, CLAPB 2, CLAPB1, CLAPB2, Clathrin assembly protein complex 1, Clathrin assembly protein complex 1 beta large chain, Clathrin assembly protein complex 2 beta large chain, Clathrin associated/assembly/adaptor protein large beta 1, Clathrin associated/assembly/adaptor protein large beta 2, DKFZp781K0743, Golgi adaptor HA1/AP1 adaptin beta subunit, Plasma membrane adaptor HA2/AP2 adaptin beta subunit, Plasma membrane adaptor HA2/AP2 adaptor beta subunit, Plasma membrane adaptor HA2/AP2.

Background: Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limbs and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP2 beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.

Gene ID: 2971

Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [EGFR Downregulation](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and

Handling

	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months