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Datasheet for ABIN2791064 anti-AP4B1 antibody (C-Term)

Image



Overview

Quantity:	100 μL
Target:	AP4B1
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP4B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human AP4B1
Sequence:	GAERCDPELP KTSSFAASGP LIPEENKERV QELPDSGALM LVPNRQLTAD
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Rabbit: 79%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against AP4B1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AP4B1	
Alternative Name:	AP4B1 (AP4B1 Products)	
Background:	nd: This gene encodes a subunit of a heterotetrameric adapter-like complex 4 that is involved i	

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Target Details

	targeting proteins from the trans-Golgi network to the endosomal-lysosomal system. Mutations
	in this gene are associated with cerebral palsy spastic quadriplegic type 5 (CPSQ5) disorder.
	Alternatively spliced transcript variants encoding different isoforms have been found for this
	gene.
	Alias Symbols: CPSQ5, SPG47, BETA-4
	Protein Size: 571
Molecular Weight:	62 kDa
Gene ID:	10717
Gene ID: NCBI Accession:	10717 NM_001308312, NP_001295241

Application Details

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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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250kDa 150kDa 100kDa	Western Blotting
75kDa	Image 1.
50kDa	
37kDa	
25kDa	
20kDa	
15kDa	
10kDa	

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