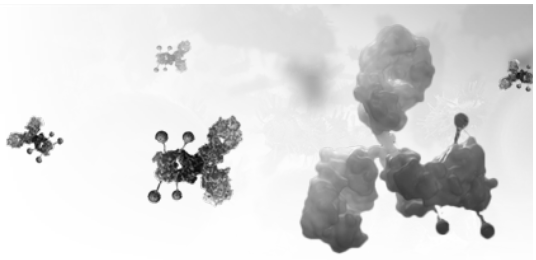

Mouse anti-Human AP4B1 monoclonal antibody, clone 2C8 (CABT-B9768)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	AP4B1 (NP_006585, 640 a.a. ~ 740 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2C8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	VAHQQVLPWRGEFHPDTLQMALQVVNIQTIAMSRAGSRPWKAYLSAQDDTGCLFLTELLL EPGNSEMQISVKQNEARTETLNSFISVLETVIGTIEEIKS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a subunit of a heterotetrameric adapter-like complex 4 that is involved in targeting proteins from the trans-Golgi network to the endosomal-lysosomal system. Mutations

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	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. [provided by RefSeq, Dec 2011]
Keywords	AP4B1; adaptor-related protein complex 4, beta 1 subunit; CPSQ5; SPG47; BETA-4; AP-4 complex subunit beta-1; beta4-adaptin; spastic paraplegia 47; beta 4 subunit of AP-4; AP-4 adaptor complex subunit beta; adaptor-related protein complex 4 subunit beta-1;

GENE INFORMATION

Entrez Gene ID	10717
UniProt ID	Q9Y6B7
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem
Function	protein binding; protein transporter activity; transporter activity

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