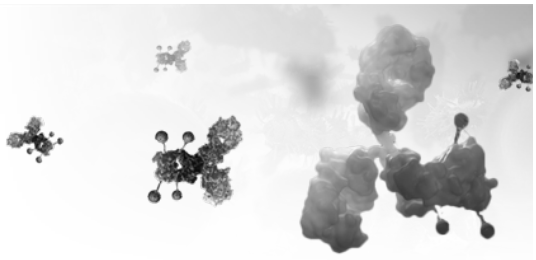

Mouse anti-Human AP1S2 monoclonal antibody, clone 4C0H6 (CABT-B9766)

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

PRODUCT INFORMATION

Immunogen	AP1S2 (AAH01117, 1 a.a. ~ 158 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4C0H6
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	MQFMLLFSRQGKLRLQKWYVPLSDKEKKKITRELVQTVLARKPKMCSFLEWRDLKIVYKR YASLYFCCAIEDQDNELITLEIIHRYVELLDKYFGSVCELDIIFNFEKAYFILDEFLLGG EVQETSKKNVLKAIEQADLLQEEAETPRSVLEEIGLT*
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	Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the

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	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 the small subunit of this complex and is a member of the adaptin protein family. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]
Keywords	AP1S2; adaptor-related protein complex 1, sigma 2 subunit; PGS; DC22; MRX59; MRXS5; MRXSF; MRXS21; SIGMA1B; AP-1 complex subunit sigma-2; sigma1B-adaptin; adaptor protein complex AP-1 sigma-1B subunit; clathrin adaptor complex AP1 sigma 1B subunit; golgi adaptor HA1/AP1 adaptin sigma-1B subunit; adapter-related protein complex 1 sigma-1B subunit; adaptor-related protein complex 1 subunit sigma-1B; clathrin assembly protein complex 1 sigma-1B small chain;

GENE INFORMATION

Entrez Gene ID	8905
UniProt ID	Q549M9
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; HIV Infection, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem
Function	protein transporter activity

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