



Mouse anti-Human CLINT1 monoclonal antibody, clone 2F7 (CABT-B9989)

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

PRODUCT INFORMATION

Immunogen	ENTH (NP_055481.1,272a.a. ~ 261 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	2F7
Conjugate	Unconjugated
Applications	WB, IHC, IF, sELISA, ELISA
Sequence Similarities	GVSSDSVGGFRYSERYDPEPKSKWDEEWDKNKSAFPFSDKLGELSDKIGSTIDDTISKFR RKDREDSPERCSDSDEEKKARRGRSPKGEFKDEEETVTTKH
Format	Liquid
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 protein with similarity to the epsin family of endocytic adapter proteins. The encoded protein interacts with clathrin, the adapter protein AP-1 and phosphoinositides. This protein may be involved in the formation of clathrin coated vesicles and trafficking between
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the trans-Golgi network and endosomes. Mutations in this gene are associated with a susceptibility to schizophrenia and psychotic disorders. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]

Keywords	CLINT1; clathrin interactor 1; ENTH; EPN4; EPNR; CLINT; epsinR; epsin 4; enthoprotin; epsin-related protein; clathrin interacting protein localized in the trans-Golgi region;
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GENE INFORMATION

Entrez Gene ID	9685
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UniProt ID	Q14677
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Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
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Function	clathrin binding; lipid binding; protein binding;
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