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SH3BP4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SH3BP4.
Catalog # AT3869a

Product Information

Application	WB, E
Primary Accession	Q9P0V3
Other Accession	BC057396
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3F3
Calculated MW	107496

Additional Information

Gene ID	23677
Other Names	SH3 domain-binding protein 4, EH-binding protein 10, Transferrin receptor-trafficking protein, SH3BP4, BOG25, EHB10, TTP
Target/Specificity	SH3BP4 (AAH57396, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SH3BP4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

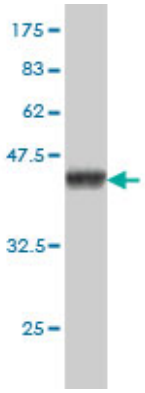
This gene encodes a protein with 3 Asn-Pro-Phe (NPF) motifs, an SH3 domain, a PXXP motif, a bipartite nuclear targeting signal, and a tyrosine phosphorylation site. This protein is involved in cargo-specific control of clathrin-mediated endocytosis, specifically controlling the internalization of a specific protein receptor.

References

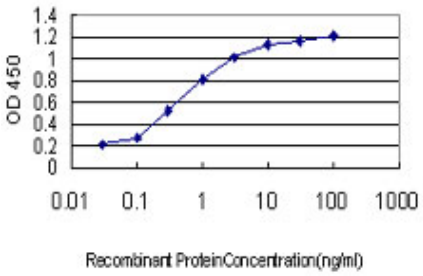
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Identification of multi-SH3 domain-containing protein interactome in pancreatic cancer: a yeast two-hybrid approach. Thalappilly S, et al. Proteomics, 2008

Aug. PMID 18654987.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.TTP specifically regulates the internalization of the transferrin receptor. Tosoni D, et al. Cell, 2005 Dec 2. PMID 16325581.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.51 KDa) .



Detection limit for recombinant GST tagged SH3BP4 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.