

SH3BP4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SH3BP4.****Catalog # AT3869a****Specification**

SH3BP4 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9P0V3
Other Accession	BC057396
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	107496

SH3BP4 Antibody (monoclonal) (M01) - 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

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.

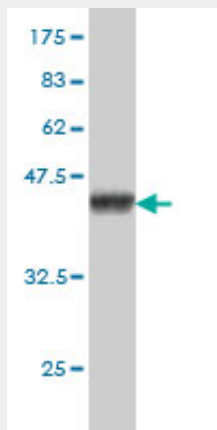
SH3BP4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

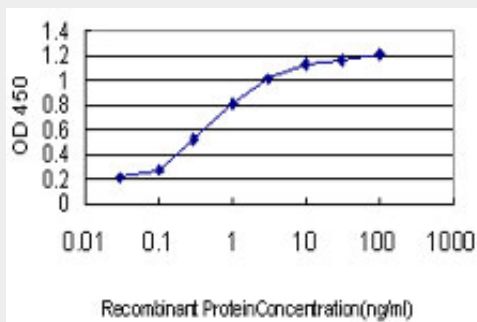
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SH3BP4 Antibody (monoclonal) (M01) - 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.

SH3BP4 Antibody (monoclonal) (M01) - 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.

SH3BP4 Antibody (monoclonal) (M01) - 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.