10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SH3GLB1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SH3GLB1.
Catalog # AT3875a

Product Information

Application	WB, IHC, E
Primary Accession	Q9Y371
Other Accession	BC007455
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1B3-A5
Calculated MW	40796

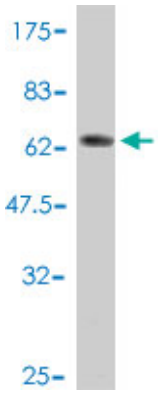
Additional Information

Gene ID	51100
Other Names	Endophilin-B1, Bax-interacting factor 1, Bif-1, SH3 domain-containing GRB2-like protein B1, SH3GLB1, KIAA0491
Target/Specificity	SH3GLB1 (AAH07455, 1 a.a. ~ 365 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	SH3GLB1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

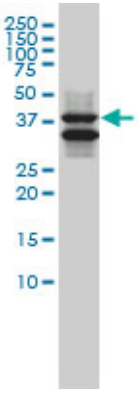
References

GSK-3beta promotes cell survival by modulating Bif-1-dependent autophagy and cell death. Yang J, et al. J Cell Sci, 2010 Mar 15. PMID 20159967.Bax activates endophilin B1 oligomerization and lipid membrane vesiculation. Rostovtseva TK, et al. J Biol Chem, 2009 Dec 4. PMID 19805544.Somatic mutation of pro-cell death Bif-1 gene is rare in common human cancers. Kim MS, et al. APMIS, 2008 Oct. PMID 19132989.Bif-1 and Bax expression in cutaneous Merkel cell carcinoma. Schlauder SM, et al. J Cutan Pathol, 2009 Jan. PMID 19125733.Endophilin B1/Bif-1 stimulates BAX activation independently from its capacity to produce large scale membrane morphological rearrangements. Etxebarria A, et al. J Biol Chem, 2009 Feb 13. PMID 19074440.

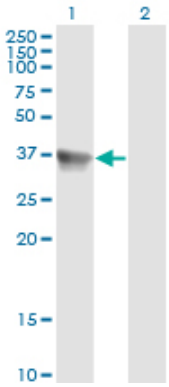
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (65.89 KDa) .

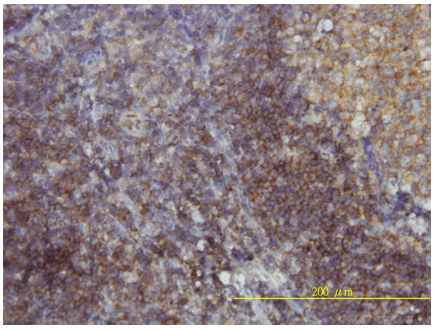


SH3GLB1 monoclonal antibody (M01), clone 1B3-A5 Western Blot analysis of SH3GLB1 expression in K-562 ((Cat # AT3875a)



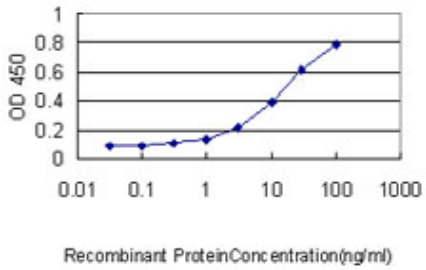
Western Blot analysis of SH3GLB1 expression in transfected 293T cell line by SH3GLB1 monoclonal antibody (M01), clone 1B3-A5.

Lane 1: SH3GLB1 transfected lysate(40.8 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to SH3GLB1 on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 3 ug/ml]

Detection limit for recombinant GST tagged SH3GLB1 is approximately 0.3ng/ml as a capture antibody.



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