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SAV1 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant SAV1.
Catalog # AT3775a

Product Information

Application	WB, E
Primary Accession	Q9H4B6
Other Accession	NM_021818
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3A10
Calculated MW	44634

Additional Information

Gene ID	60485
Other Names	Protein salvador homolog 1, 45 kDa WW domain protein, hWW45, SAV1, WW45
Target/Specificity	SAV1 (NP_068590, 300 a.a. ~ 383 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	SAV1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

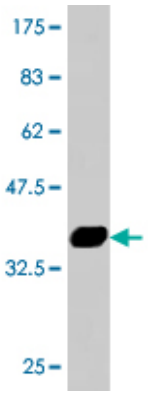
WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 2 WW domains and a coiled-coil region. It is ubiquitously expressed in adult tissues. The encoded protein is 94% identical to the mouse protein at the amino acid level.

References

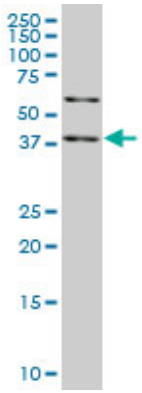
The human WW45 protein enhances MST1-mediated apoptosis in vivo. Luo X, et al. Int J Mol Med, 2009 Mar. PMID 19212654.Association of mammalian sterile twenty kinases, Mst1 and Mst2, with hSalvador via

C-terminal coiled-coil domains, leads to its stabilization and phosphorylation. Callus BA, et al. FEBS J, 2006 Sep. PMID 16930133.Targeted proteomic analysis of 14-3-3 sigma, a p53 effector commonly silenced in cancer. Benzinger A, et al. Mol Cell Proteomics, 2005 Jun. PMID 15778465.The Ste20-like kinase Mst2 activates the human large tumor suppressor kinase Lats1. Chan EH, et al. Oncogene, 2005 Mar 17. PMID 15688006.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

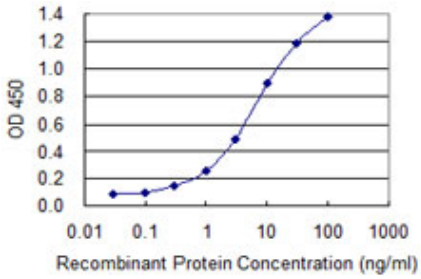
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.98 KDa) .



SAV1 monoclonal antibody (M04), clone 3A10. Western Blot analysis of SAV1 expression in Hela S3 NE ((Cat # AT3775a)



Detection limit for recombinant GST tagged SAV1 is 0.1 ng/ml as a capture antibody.

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