

SCAP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SCAP1.
Catalog # AT3781a

Product Information

Application	WB, IHC
Primary Accession	Q86VV1
Other Accession	BC047870
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3D3
Calculated MW	41432

Additional Information

Gene ID	8631
Other Names	Src kinase-associated phosphoprotein 1, Src family-associated phosphoprotein 1, Src kinase-associated phosphoprotein of 55 kDa, SKAP-55, pp55, SKAP1, SCAP1, SKAP55
Target/Specificity	SCAP1 (AAH47870, 1 a.a. ~ 358 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
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	SCAP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

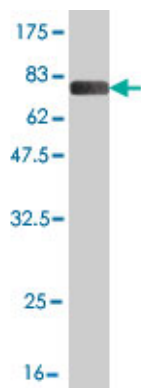
Background

This gene encodes a T cell adaptor protein, a class of intracellular molecules with modular domains capable of recruiting additional proteins but that exhibit no intrinsic enzymatic activity. The encoded protein contains a unique N-terminal region followed by a PH domain and C-terminal SH3 domain. Along with the adhesion and degranulation-promoting adaptor protein, the encoded protein plays a critical role in inside-out signaling by coupling T-cell antigen receptor stimulation to the activation of integrins.

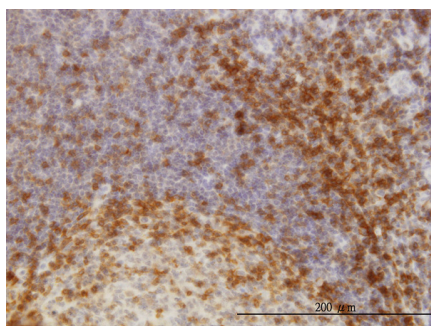
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. T cell receptor inside-out pathway via signaling module SKAP1-RapL regulates T cell motility and interactions in lymph nodes. Raab M, et al. Immunity, 2010 Apr 23. PMID 20346707. A novel S3S-TAP-tag for the isolation of T-cell interaction partners of adhesion and degranulation promoting adaptor protein. Lehmann R, et al. Proteomics, 2009 Dec. PMID 19798671. SKAP associates with kinetochores and promotes the metaphase-to-anaphase transition. Fang L, et al. Cell Cycle, 2009 Sep 1. PMID 19667759. SKAP55 modulates T cell antigen receptor-induced activation of the Ras-Erk-AP1 pathway by binding RasGRP1. Kosco KA, et al. Mol Immunol, 2008 Jan. PMID 17658605.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.12 kDa).



Immunoperoxidase of monoclonal antibody to SKAP1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

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