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Mouse Sash1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19222b

Product Information

Application	WB, E
Primary Accession	P59808
Other Accession	NP_780364.3
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40007
Calculated MW	135591
Antigen Region	870-896

Additional Information

Gene ID	70097
Other Names	SAM and SH3 domain-containing protein 1, Sash1
Target/Specificity	This Mouse Sash1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 870-896 amino acids from the C-terminal region of mouse Sash1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Sash1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Sash1
Function	Is a positive regulator of NF-kappa-B signaling downstream of TLR4 activation. It acts as a scaffold molecule to assemble a molecular complex that includes TRAF6, MAP3K7, CHUK and IKBKB, thereby facilitating NF-kappa-B signaling activation. Regulates TRAF6 and MAP3K7 ubiquitination.

	Involved in the regulation of cell mobility. Regulates lipolysaccharide (LPS)-induced endothelial cell migration. Is involved in the regulation of skin pigmentation through the control of melanocyte migration in the epidermis.
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:O94885}.
Tissue Location	Expressed in the microvascular endothelium of various organs, as well as in parenchymal cells. Expressed in the endothelium but not lymphoid cells of spleen and thymus

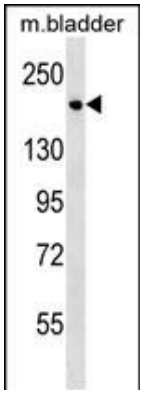
Background

Sash1 may have a role in a signaling pathway. Could act as a tumor suppressor.

References

Trinidad, J.C., et al. Mol. Cell Proteomics 5(5):914-922(2006)
Lindvall, J.M., et al. Cell. Immunol. 235(1):46-55(2005)
Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)
Okazaki, N., et al. DNA Res. 10(4):167-180(2003)
Carninci, P., et al. Genome Res. 13 (6B), 1273-1289 (2003) :

Images



Mouse Sash1 Antibody (C-term) (Cat. #AP19222b) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the Sash1 antibody detected the Sash1 protein (arrow).