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Mouse Srms Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21603c

Product Information

Application	WB, E
Primary Accession	Q62270
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB50487
Calculated MW	55758

Additional Information

Gene ID	20811
Other Names	Tyrosine-protein kinase Srms, PTK70, Srms, Srm
Target/Specificity	This Mouse Srms antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 113-147 amino acids from the Central region of Mouse Srms.
Dilution	WB~~1:2000 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 Srms Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Srms
Synonyms	Srm
Function	Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues. Also phosphorylates KHDRBS1/SAM68 and VIM on tyrosine residues. Phosphorylation of KHDRBS1 is EGF-dependent. Phosphorylates

	OTUB1, promoting deubiquitination of RPTOR.
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q9H3Y6}. Note=Localizes to punctate cytoplasmic structures {ECO:0000250|UniProtKB:Q9H3Y6}
Tissue Location	Higher expression in liver, lung, thymus and skin than in brain, kidney, heart and spleen (PubMed:9226137). In skin, highly expressed in keratinocytes (PubMed:9226137). Abundant in lung, liver, spleen, kidney and testis and is also detected in the cerebrum (PubMed:7935409).

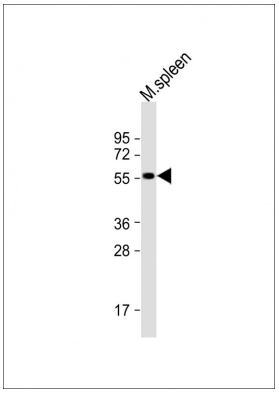
Background

Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues. May be involved in proliferation or differentiation of keratinocytes in the skin.

References

Kawachi Y.,et al.Exp. Dermatol. 6:140-146(1997).
Kohmura N.,et al.Mol. Cell. Biol. 14:6915-6925(1994).
Wall M.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.

Images



Anti-Srms Antibody (Center)at 1:2000 dilution + mouse spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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