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

Mouse Srms Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21128a

Product Information

Application	WB, IF, E
Primary Accession	Q62270
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50486
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~~1:1000 IF~~1:25 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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).

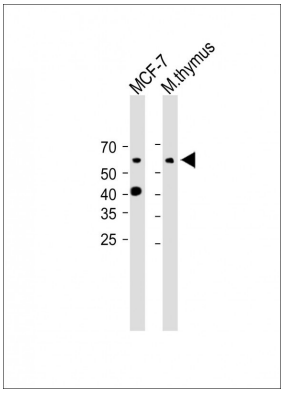
Background

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

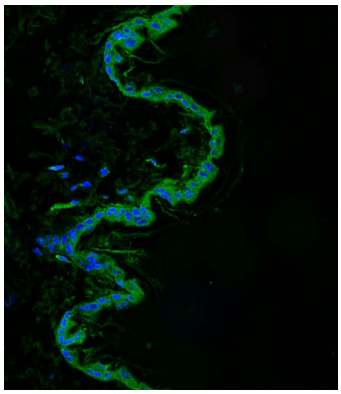
References

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



All lanes : Anti-Mouse Srms Antibody (Center) at 1:1000 dilution Lane 1: M. lung whole cell lysate Lane 2: M. thymus whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 56kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized mouse skin tissue labeling Mouse Srms with AP21128a at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing cytoplasm staining on mouse skin tissue. The nuclear counter stain is DAPI (blue).

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