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Mouse Stk10 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14636b

Product Information

Application	WB, E
Primary Accession	O55098
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35148
Calculated MW	111906
Antigen Region	668-696

Additional Information

Gene ID	20868
Other Names	Serine/threonine-protein kinase 10, Lymphocyte-oriented kinase, Stk10, Lok
Target/Specificity	This Mouse Stk10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 668-696 amino acids from the C-terminal region of mouse Stk10.
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 Stk10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

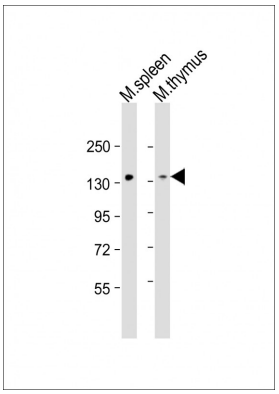
Name	Stk10
Synonyms	Lok
Function	Serine/threonine-protein kinase involved in regulation of lymphocyte migration. Phosphorylates MSN, and possibly PLK1. Involved in regulation of

	lymphocyte migration by mediating phosphorylation of ERM proteins such as MSN. Acts as a negative regulator of MAP3K1/MEKK1. May also act as a cell cycle regulator by acting as a polo kinase kinase: mediates phosphorylation of PLK1 in vitro; however such data require additional evidence in vivo.
Cellular Location	Cell membrane; Peripheral membrane protein
Tissue Location	Expressed predominantly in lymphoid organs such as spleen, thymus, and bone marrow

Background

Stk10 can act on substrates such as myelin basic protein and histone 2A on serine and threonine residues.

Images



All lanes : Anti-Stk10 Antibody (C-term) at 1:1000 dilution Lane 1: mouse spleen lysate Lane 2: mouse thymus lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 112 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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