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Mouse Sike1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20223a

Product Information

Application	WB, E
Primary Accession	Q9CPR7
Other Accession	Q5FWT9, NP_079955.1
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42417
Calculated MW	23522
Antigen Region	36-63

Additional Information

Gene ID	66641
Other Names	Suppressor of IKBKE 1, Suppressor of IKK-epsilon, Sike1
Target/Specificity	This Mouse Sike1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-63 amino acids from the N-terminal region of mouse Sike1.
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 Sike1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Sike1
Function	Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus- and TLR3-triggered IRF3. Inhibits TLR3- mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter.

May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and RIGI. Does not inhibit NF- kappa-B activation pathways. Associates with the striatin-interacting phosphatase and kinase (STRIPAK) core complex, forming the extended (SIKE1:SLMAP)STRIPAK complex. The (SIKE1:SLMAP)STRIPAK complex dephosphorylates STK3 leading to the inhibition of Hippo signaling and the control of cell growth.

Cellular Location Cytoplasm {ECO:0000250|UniProtKB:Q9BRV8}.

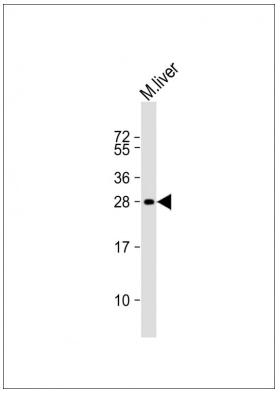
Background

Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus-and TLR3-triggered IRF3. Inhibits TLR3-mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter. May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and DDX58/RIG-I. Does not inhibit NF-kappa-B activation pathways (By similarity).

References

Katayama, S., et al. Science 309(5740):1564-1566(2005)
Carninci, P., et al. Science 309(5740):1559-1563(2005)

Images



Anti-MOUSE Sike1 Antibody (N-term) at 1:1000 dilution + mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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