

SIKE1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56715

Specification

SIKE1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9BRV8
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23721

SIKE1 Polyclonal Antibody - Additional Information

Gene ID 80143

Other Names

Suppressor of IKBKE 1, Suppressor of IKK-epsilon, SIKE1, SIKE

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SIKE1 Polyclonal Antibody - Protein Information

Name SIKE1 ([HGNC:26119](#))

Synonyms SIKE

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 (PubMed:[16281057](http://www.uniprot.org/citations/16281057)). Associates with the striatin-interacting phosphatase and kinase (STRIPAK) core complex, forming the extended (SIKE1:SLMAP)STRIPAK complex (PubMed:[30622739](http://www.uniprot.org/citations/30622739)). The (SIKE1:SLMAP)STRIPAK complex dephosphorylates STK3 leading to the inhibition of Hippo signaling and the control of cell growth (PubMed:[30622739](http://www.uniprot.org/citations/30622739)).

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed. Expressed in brain, heart, skeletal muscle, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung and leukocytes. Present in all cell lines tested (at protein level).

SIKE1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SIKE1 Polyclonal Antibody - Images