

SIKE1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56715

Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession Q9BRV8

Reactivity Rat, Pig, Dog, Bovine

HostRabbitClonalityPolyclonalCalculated MW23721

Additional Information

Gene ID 80143

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

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

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.

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:<u>16281057</u>). Associates with the striatin-interacting phosphatase and kinase (STRIPAK) core complex, forming the extended (SIKE1:SLMAP)STRIPAK

complex (PubMed:<u>30622739</u>). The (SIKE1:SLMAP)STRIPAK complex

dephosphorylates STK3 leading to the inhibition of Hippo signaling and the

control of cell growth (PubMed: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).

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