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Rabbit Anti-SPHKAP antibody

SL17662R

Product Name:	SPHKAP
Chinese Name:	鞘氨醇激酶1相互作用蛋白抗体
Alias:	A-kinase anchor protein SPHKAP; DKFZp781H143; DKFZp781J171; KIAA1678; MGC132614; MGC132616; SKIP; Sphingosine kinase type 1-interacting protein; SPHK1 (sphingosine kinase type 1) interacting protein; SPHK1 interactor, AKAP domain containing; ; SPHK1-interacting protein; SPHK1-interactor and AKAP domain-containing protein; sphkap; SPKAP_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	186kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPHKAP:1131-1230/1700
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Anchoring protein that binds preferentially to the type I regulatory subunit of c-AMP-dependent protein kinase (PKA type I) and targets it to distinct subcellular compartments. May act as a converging factor linking cAMP and sphingosine signaling

pathways. Plays a regulatory role in the modulation of SPHK1.

Subunit:
Anchoring protein that binds preferentially to the type I regulatory subunit of c-AMP-dependent protein kinase (PKA type I) and targets it to distinct subcellular compartments. May act as a converging factor linking cAMP and sphingosine signaling pathways. Plays a regulatory role in the modulation of SPHK1.

Subcellular Location:
Cytoplasm. Colocalizes with SPHK1 in the cytoplasm.

Tissue Specificity:
Highly expressed in heart. Both isoforms abundantly expressed in ventricle. Also expressed in spleen, ovary and brain.

Similarity:
Belongs to the AKAP110 family.

SWISS:
Q2M3C7

Gene ID:
80309

Database links:

Entrez Gene: 80309 Human

Entrez Gene: 77629 Mouse

Omim: 611646 Human

SwissProt: Q2M3C7 Human

SwissProt: Q6NSW3 Mouse

Unigene: 436306 Human

Unigene: 154303 Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.