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SPHKAP Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ABV11705

Product Information

Application	WB
Primary Accession	Q2M3C7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	186456

Additional Information

Gene ID	80309
Positive Control	Western blot: Jurkat Cell lysate
Application & Usage	Western blot: 1-4 □g/ml.
Other Names	A-kinase anchor protein SPHKAP, SPHK1 interactor, AKAP domain containing, DKFZp781H143, DKFZp781J171, KIAA1678, MGC132614 antibody, MGC132616, SKIP antibody, A-kinase anchor protein Sphingosine kinase type 1-interacting protein, SPHK1 (Sphingosine kinase type 1) interacting protein, SPHK1-interactor and AKAP domain-containing protein, SPHK1 interactor, AKAP domain.
Target/Specificity	SPHKAP
Antibody Form	Liquid
Appearance	Colorless liquid
Formulation	30 □g (0.5 mg/ml) of antibody in PBS pH 7.2 containing 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol.
Handling	The antibody solution should be gently mixed before use.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	SPHKAP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SPHKAP

Synonyms	KIAA1678, SKIP
Function	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.
Cellular Location	Cytoplasm. Note=Colocalizes with SPHK1 in the cytoplasm
Tissue Location	Highly expressed in heart. Both isoforms abundantly expressed in ventricle. Also expressed in spleen, ovary and brain

Background

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.