

**SPHKAP Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15594****Specification**

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**SPHKAP Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q2M3C7</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	186kDa KDa

**SPHKAP Antibody (C-Terminus) - Additional Information****Gene ID** 80309**Other Names**

A-kinase anchor protein SPHKAP, SPHK1-interactor and AKAP domain-containing protein, Sphingosine kinase type 1-interacting protein, SPHKAP, KIAA1678, SKIP

**Target/Specificity**

Human

**Reconstitution & Storage**

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

**Precautions**

SPHKAP Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**SPHKAP Antibody (C-Terminus) - 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

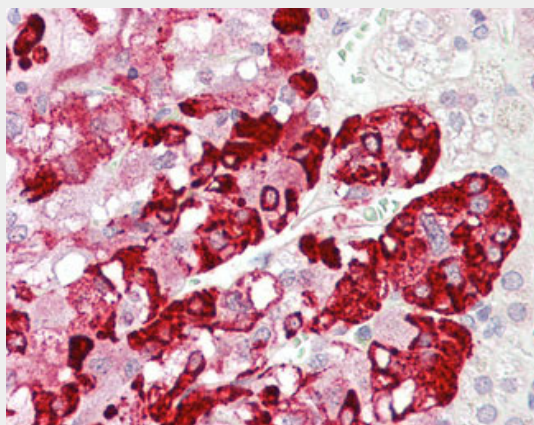
**Volume**  
50 µl

### **SPHKAP Antibody (C-Terminus) - 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](#)

### **SPHKAP Antibody (C-Terminus) - Images**



Anti-SPHKAP antibody IHC staining of human adrenal.

### **SPHKAP Antibody (C-Terminus) - 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.

### **SPHKAP Antibody (C-Terminus) - References**

Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Nagase T., et al. DNA Res. 7:347-355(2000).  
Lacana E., et al. J. Biol. Chem. 277:32947-32953(2002).  
Kovanich D., et al. ChemBioChem 11:963-971(2010).