

Rabbit anti-Human, Mouse SPHK2 Polyclonal Antibody | anti-SPHK2 antibody

SPHK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304615	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

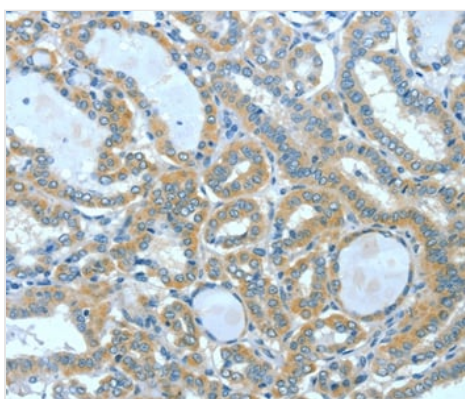
PRODUCT SYNONYMS

SPHK2; Polyclonal Antibody; SPHK2 Antibody; SK 2; SK-2; SPK 2; SPK-2; anti-SPHK2 antibody

PRODUCT SPECIFICATIONS

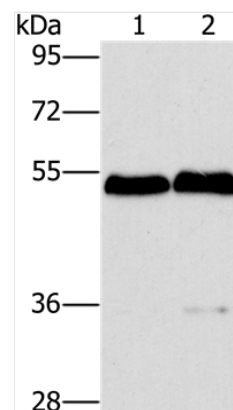
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SPHK2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	2.2 mg/ml (varies by lot)
Sequence Length	595
Applicable Applications for anti-SPHK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human sphingosine kinase 2
Target Name	SPHK2
Preparation and Storage	Store at -20°C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using AAA304615 at dilution 1/60.



Application Data

Gel: 8%SDS-PAGE
Lysates (from left to right): Mouse brain and liver tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-SPHK2 antibody	This gene encodes one of two sphingosine kinase isozymes that catalyze the phosphorylation of sphingosine into sphingosine 1-phosphate. Sphingosine 1-phosphate mediates many cellular processes including migration, proliferation and apoptosis, and also plays a role in several types of cancer by promoting angiogenesis and tumorigenesis. The encoded protein may play a role in breast cancer proliferation and chemoresistance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-SPHK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	323462183
NCBI GeneID	56848
NCBI Accession #	NP_001191087.1
NCBI GenBank Nucleotide #	NM_001204158.2
UniProt Accession #	Q9NRA0; Q9BRN1; Q9H0Q2; Q9NWU7; A0T4C8; B4DU87
Molecular Weight	SDS-PAGE MW: 69kd
NCBI Official Full Name	sphingosine kinase 2 isoform b
NCBI Official Synonym Full Names	sphingosine kinase 2
NCBI Official Symbol	SPHK2
NCBI Official Synonym Symbols	SK 2; SK-2; SPK 2; SPK-2
NCBI Protein Information	sphingosine kinase 2
UniProt Protein Name	Sphingosine kinase 2
UniProt Gene Name	SPHK2
UniProt Synonym Gene Names	SK 2; SPK 2
UniProt Entry Name	SPHK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sphk2-antibody-immunohistochemistry-western-blot-elisa/304615>