

SPHK2 Antibody | anti-SPHK2 antibody

SPHK2 (Phospho-Thr614) Antibody

CATALOG # AAA108972	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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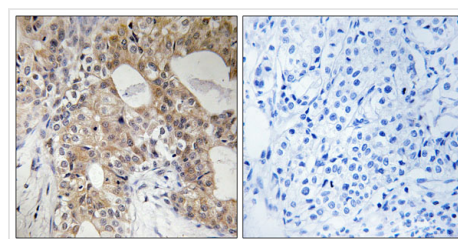
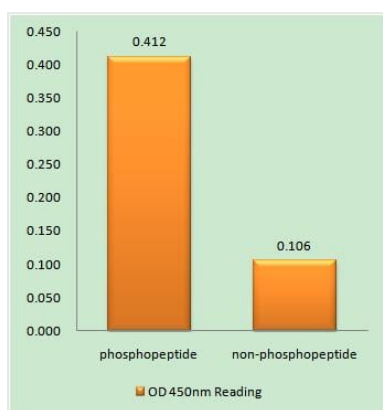
PRODUCT SYNONYMS

SPHK2; SPHK2 (Phospho-Thr614) Antibody; EC 2.7.1.-; EC 2.7.1.91; SK 2; Sphingosine kinase 2; SPK 2; anti-SPHK2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	SPHK2 (Phospho-Thr614) antibody detects endogenous levels of SPHK2 only when phosphorylated at threonine 614.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	595
Applicable Applications for anti-SPHK2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SPHK2 around the phosphorylation site of threonine 614 (P-L-TP-P-R).
All Sites	Human: Thr614 Mouse: Thr578 Rat: Thr577
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using SPHK2 (Phospho-Thr614) antibody. Nibrin (Phospho-Ser278) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SPHK2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Liu H., J. Biol. Chem. 275:19513-19520(2000). Wiemann S., Genome Res. 11:422-435(2001). Ota T., Nat. Genet. 36:40-45(2004).

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; Q9HQ2; Q9NWU7; A0T4C8; B4DU87
Molecular Weight	80,205 Da
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

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/human-mouse-rat-antibody/sphk2/108972>