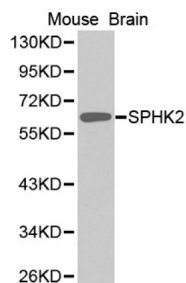


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Sphingosine Kinase 2 (SPHK2) Antibody

Catalogue No.: abx002301



Western blot analysis of extracts of mouse brain, using SPHK2 antibody (abx002301).

SPHK2 Antibody is a Rabbit Polyclonal antibody against SPHK2. 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. [provided by RefSeq, Aug 2011].

Target: SPHK2

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/1000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human SPHK2.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Molecular Weight:	Calculated MW: 62 kDa/65 kDa/69 kDa/80 kDa Observed MW: 65 kDa
Swiss Prot:	Q9NRA0
GeneID:	56848
Gene Symbol:	SPHK2
Concentration:	> 1 mg/ml
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Note:	This product is for research use only.