

## Product datasheet for **TA364667**

### SPHK2 Rabbit Polyclonal Antibody

#### Product data:

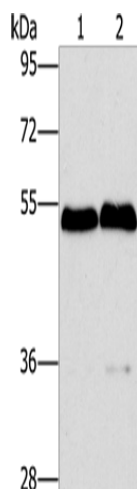
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse brain and liver tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SPHK2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	69 kDa
Gene Name:	sphingosine kinase 2
Database Link:	<a href="#">Entrez Gene 56848 Human Q9NRA0</a>
Background:	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.



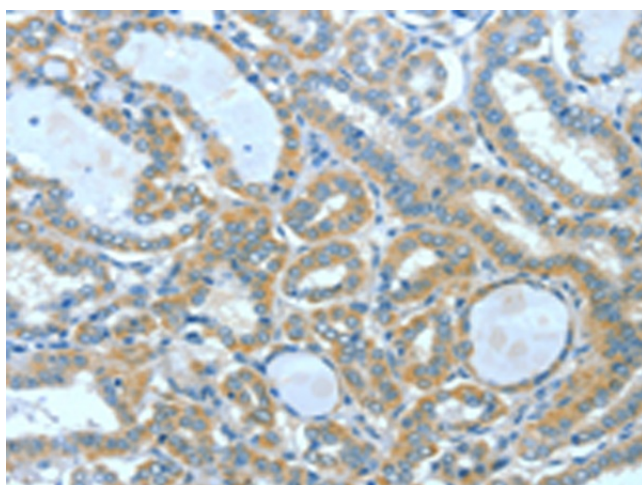
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Synonyms: SPHK2

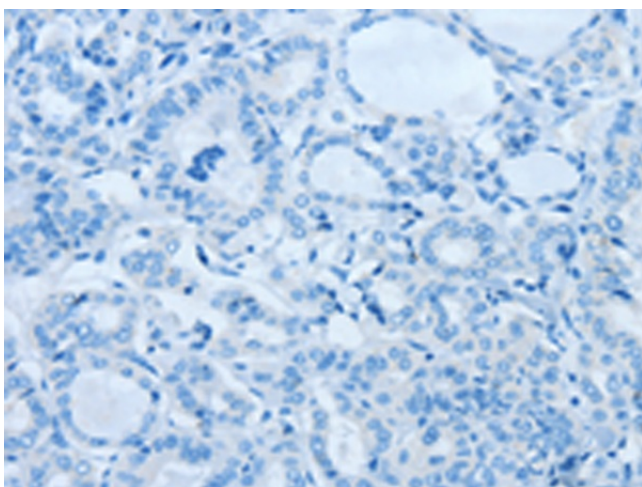
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: Mouse brain tissue  
Mouse liver tissue  
Primary antibody: TA364667 (SPHK2 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA364667 (SPHK2 Antibody) at dilution 1/60 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA364667 (SPHK2 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)