TEP1 Antibody

PACO18967

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:3000-1:10000, IHC:1:50-1:200

Protein Background:

G-protein coupled receptor for the bioactive lysosphingolipid sphingosine 1-phosphate (S1P) that seems to be coupled to the G(i) subclass of heteromeric G proteins. Signaling leads to the activation of RAC1, SRC, PTK2/FAK1 and MAP kinases. Plays an important role in cell migration, probably via its role in the reorganization of the actin cytoskeleton and the formation of lamellipodia in response to stimuli that increase the activity of the sphingosine kinase SPHK1. Required for normal chemotaxis toward sphingosine 1-phosphate. Required for normal embryonic heart development and normal cardiac morphogenesis. Plays an important role in the regulation of sprouting angiogenesis and vascular maturation. Inhibits sprouting angiogenesis to prevent excessive sprouting during blood vessel development. Required for normal egress of mature T-cells from the thymus into the blood stream and into peripheral lymphoid organs.

Gene ID:

TEP1

Uniprot

Q99973

Synonyms:

telomerase-associated protein 1
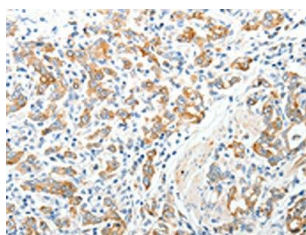
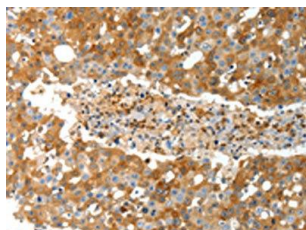**Immunogen:**

Synthetic peptide of human TEP1.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO18967(TEP1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO18967(TEP1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).