

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, IHC:1:15-1:50

Protein Background:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Two alternatively spliced transcript variants of this gene have been reported, one of which encodes a receptor-type PTP that possesses a short extracellular domain, a single transmembrane region, and two tandem intracytoplasmic catalytic domains; Another one encodes a PTP that contains a distinct hydrophilic N-terminus, and thus represents a nonreceptor-type isoform of this PTP. Studies of the similar gene in mice suggested the regulatory roles of this PTP in RAS related signal transduction pathways, cytokines induced SATA signaling, as well as the activation of voltage-gated K⁺ channels.

Gene ID:

PTPRE

Uniprot

P23469

Synonyms:

protein tyrosine phosphatase, receptor type, E

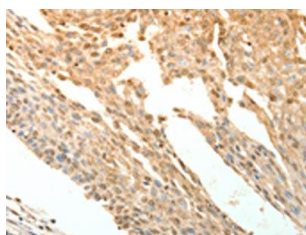
Immunogen:

Fusion protein of human PTPRE.

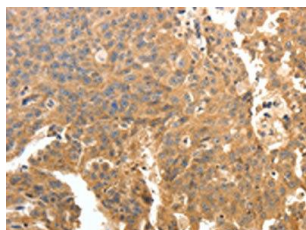
Storage:

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

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO14947(PTPRE Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO14947(PTPRE Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: x—200).