

Rabbit Anti-PTPRA/Cy5 Conjugated antibody

SL4154R-Cy5

Product Name	Anti-PTPRA/Cy5
Chinese Name	Cy5 标记的酪氨酸磷酸酶 α 抗体
Alias	HEPTP; HLPR; HPTP alpha; HPTPA; HPTPalpha; Leukocyte common antigen related peptide; LRP; Protein tyrosine phosphatase alpha; Protein tyrosine phosphatase receptor type A; Protein tyrosine phosphatase receptor type alpha polypeptide; Protein tyrosine phosphate; Protein-tyrosine phosphatase alpha; PTPA; PTPalpha; PTPase alpha; PTPLCA related phosphatase; PTPRA; PTPRA_HUMAN; PTPRL 2; PTPRL2; PTR A; R PTP alpha; R-PTP-alpha; Receptor type tyrosine protein phosphatase alpha; Receptor-type tyrosine-protein phosphatase alpha; RPTPA; Tyrosine phosphatase alpha.
Research Area	immunology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Pig,Cow,Horse,Rabbit) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	89kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PTPRA
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	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. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced variants of this gene, which encode two distinct isoforms, have been reported. [provided by RefSeq, Jul 2008]

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

Belongs to the protein-tyrosine phosphatase family. Receptor class 4 subfamily.

Contains 2 tyrosine-protein phosphatase domains.

Database links:

[Entrez Gene: 5786](#) Human

[Entrez Gene: 19262](#) Mouse

[Entrez Gene: 25167](#) Rat

[Omim: 176884](#) Human

[SwissProt: P18433](#) Human

[SwissProt: P18052](#) Mouse

[SwissProt: Q03348](#) Rat

[Unigene: 269577](#) Human

[Unigene: 224246](#) Mouse

[Unigene: 18043](#) Rat

Important Note:



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.