

Datasheet for ABIN754633
anti-PTPRA antibody (AA 151-250)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PTPRA
Binding Specificity:	AA 151-250
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRA antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTPRA
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PTPRA
---------	-------

Target Details

Alternative Name:	PTPRA (PTPRA Products)
Background:	<p>Synonyms: LRP, HLPR, PTPA, HEPTP, HPTPA, RPTPA, PTPRL2, HPTPalpha, R-PTP-alpha, Receptor-type tyrosine-protein phosphatase alpha, Protein-tyrosine phosphatase alpha, PTPRA</p> <p>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]</p>

Gene ID: 5786

UniProt: [P18433](#)

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
--------------------	--

Restrictions: For Research Use only

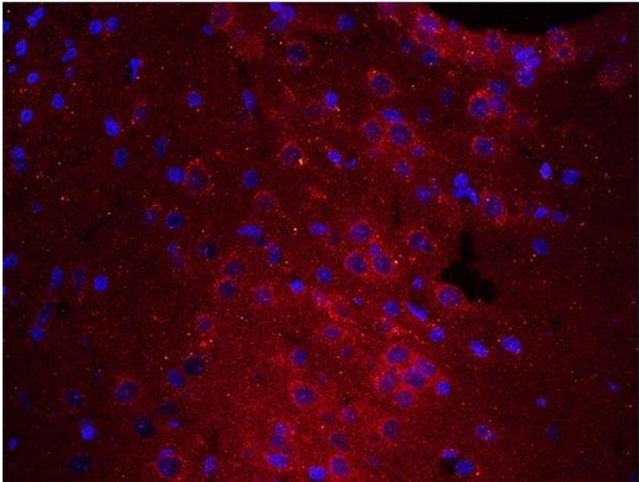
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

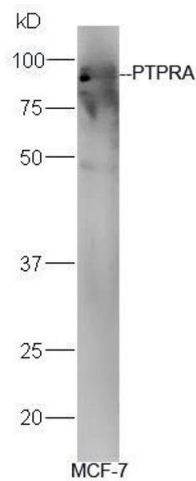
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunofluorescence (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-PTPRA Polyclonal Antibody, unconjugated (ABIN754633) at 1:200 for 40 minutes at 37°C followed by labeling Rabbit Anti-Tubulin Beta, Cy3 conjugated 1:200, 40 minutes at 37°



Western Blotting

Image 2. MCF-7 cell lysates probed with Anti-PTPRA Polyclonal Antibody, Unconjugated (ABIN754633) at 1:300 in 4°C. Followed by conjugation to secondary antibody at 1:5000 90min in 37°C.