



Rabbit Anti-PTPLAD1 antibody

SL8693R

Product Name:	PTPLAD1
Chinese Name:	蛋白酪氨酸磷酸酶样A结构域蛋白1抗体
Alias:	B IND1; Butyrate induced protein 1; Butyrate induced transcript 1; FLJ90376; hB ind1; HSPC121; Protein tyrosine phosphatase like A domain containing 1; PTPLAD 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	43kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PTPLAD1:1-100/362<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	PTPLAD1 is a component of Rac1-signaling pathways leading to the modulation of gene expression. It potentiates different effects of the small GTPase Rac1, such as c-Jun N-terminal kinase activation and transcriptional activity of nuclear factor kappaB (NF-kappaB).It plays a crucial role in HCV RNA replication and the propagation of JFH1 virus through interaction with viral and host proteins.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Similarity:

Belongs to the very long-chain fatty acids dehydratase HACD family.
Contains 1 CS domain.

SWISS:

Q9P035

Gene ID:

51495

Database links:

[Entrez Gene: 51495](#) Human

[Entrez Gene: 57874](#) Mouse

[SwissProt: A7YY55](#) Cow

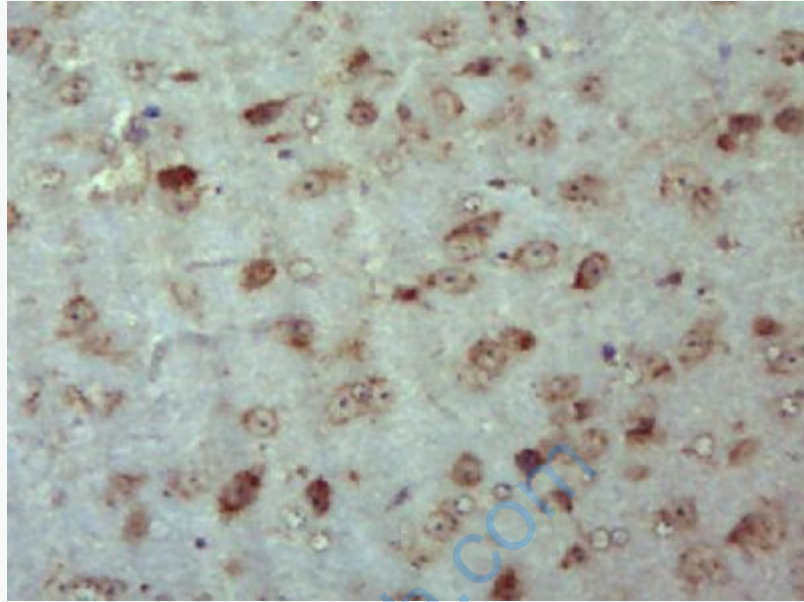
[SwissProt: Q9P035](#) Human

[SwissProt: Q8K2C9](#) Mouse

[Unigene: 512973](#) Human

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PTPLAD1) Polyclonal Antibody, Unconjugated (SL8693R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.