

## Anti-PTPLAD1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 43 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTPLAD1) Polyclonal Antibody, Unconjugated (TMAB-11918) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PTPLAD1
Antigen Species:	Human
Gene ID:	51495
Uniprot ID:	Q9P035

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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