

Rabbit anti-Human PTPLA Polyclonal Antibody | anti-PTPLA antibody

Rabbit Polyclonal to Human PTPLA

CATALOG # AAA52500	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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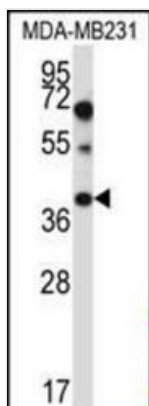
PRODUCT SYNONYMS

PTPLA; Polyclonal Antibody; Rabbit Polyclonal to Human PTPLA; Anti-PTPLA Antibody (aa36-66) IHC-plus; CAP; Cementum attachment protein; HACD1; Human PTPLA; anti-PTPLA antibody

PRODUCT SPECIFICATIONS

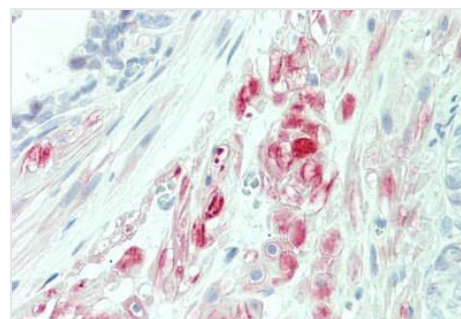
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PTPLA
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	288
Applicable Applications for anti-PTPLA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH-conjugated synthetic peptide from N-terminal region of human PTPLA.
Immunogen Type	Synthetic peptide
Antigen Modification	aa36-66
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



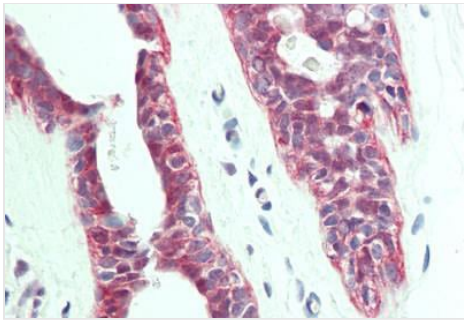
WB (Western Blot)

PTPLA Antibody (N-term) Western blot of MDA-MB231 cell line lysates (35 ug/lane). This demonstrates the PTPLA antibody detected the PTPLA protein (arrow).



IHC (Immunohistochemistry)

Anti-PTPLA antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTPLA antibody IHC staining of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPLA antibody	PTPLA, a PTP-like protein phosphatase, has been suggested to affect muscle development and cardiac differentiation. PTPLA contains proline instead of arginine in the catalytic domain and may represent a new class of protein phosphatase.
Product Categories/Family for anti-PTPLA antibody	Family: Protein Phosphatase; Subfamily: PTP-like

NCBI AND UNIPROT INFORMATION

NCBI GI #	82659105
NCBI GeneID	9200
NCBI Accession #	NP_055056.3
NCBI GenBank Nucleotide #	NM_014241.3
UniProt Accession #	B0YJ81; Q6JIC5; Q96FW7; Q9HB93; Q9UHX2; B0YJ80
Molecular Weight	14,920 Da
NCBI Official Full Name	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member A
NCBI Official Symbol	PTPLA
NCBI Official Synonym Symbols	CAP; HACD1
NCBI Protein Information	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1; very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1; cementum attachment protein; very-long-chain (3R)-3-hydroxyacyl-[acyl-carrier protein] dehydratase 1
UniProt Protein Name	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1
UniProt Gene Name	PTPLA
UniProt Synonym Gene Names	HACD1; HACD1
UniProt Entry Name	HACD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.