

Rabbit anti-Human, mouse PLA1A Polyclonal Antibody | anti-PLA1A antibody

PLA1A Antibody (Center)

CATALOG # AAA285991	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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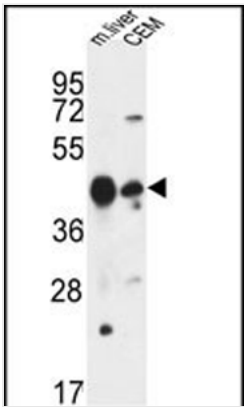
PRODUCT SYNONYMS

PLA1A; Polyclonal Antibody; PLA1A Antibody (Center); Phospholipase A1 member A; 311-; Phosphatidylserine-specific phospholipase A1; PS-PLA1; NMD; PSPLA1; anti-PLA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLA1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-358 amino acids from the Central region of human PLA1A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	329-358
Sequence Length	440
Applicable Applications for anti-PLA1A antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Tissue Location	Widely expressed. Expressed in placenta, prostate and liver. Weakly or not expressed in skin, leukocytes, platelets, colon, spleen, lung, muscle and kidney.
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PLA1A Antibody (Center)(AAA285991) western blot analysis in mouse liver tissue and CEM cell line lysates (35ug/lane).This demonstrates the PLA1A antibody detected the PLA1A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PLA1A antibody	Phosphatidylserine-specific phospholipase A1-alpha (PLA1A) acts specifically on phosphatidylserine (PS) and 1-acyl-2-lysophosphatidylserine (lyso-PS) to hydrolyze fatty acids at the sn-1 position of these phospholipids.
Product Categories/Family for anti-PLA1A antibody	Cardiovascular; Metabolism; Signal transduction
References	Morikawa, R.K., et al. J. Biol. Chem. 284(39):26620-26630(2009) ?Aoki, J., et al. Biochim. Biophys. Acta 1582 (1-3), 26-32 (2002) : ?Wang, J., et al. J. Hum. Genet. 47(11):611-613(2002) ?Nagai, Y., et al. J. Biol. Chem. 274(16):11053-11059(1999) ?van Groningen, J.J., et al. FEBS Lett. 404(1):82-86(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	332688256
NCBI GeneID	51365
NCBI Accession #	NP_001193889.1; NP_001193890.1; NP_056984.1
NCBI GenBank Nucleotide #	NM_001206960.1
UniProt Accession #	Q53H76; O95991; Q86WX6; Q9UPD2; B2R8V2; B4DXA2
Molecular Weight	49715
NCBI Official Full Name	phospholipase A1 member A isoform 2
NCBI Official Synonym Full Names	phospholipase A1 member A
NCBI Official Symbol	PLA1A
NCBI Official Synonym Symbols	PSPLA1; PS-PLA1
NCBI Protein Information	phospholipase A1 member A
UniProt Protein Name	Phospholipase A1 member A
UniProt Gene Name	PLA1A
UniProt Synonym Gene Names	NMD; PSPLA1; PS-PLA1
UniProt Entry Name	PLA1A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pla1a-antibody-western-blot-elisa/285991>