

Rabbit anti-Human PLA2G5 Polyclonal Antibody | anti-PLA2G5 antibody

PLA2G5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286282	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

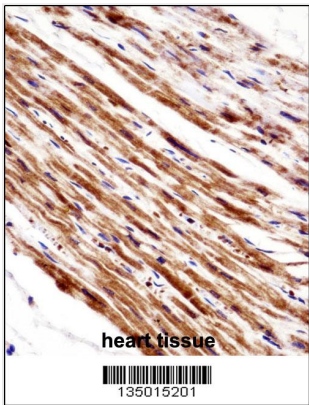
PRODUCT SYNONYMS

PLA2G5; Polyclonal Antibody; PLA2G5 Antibody (C-term); Calcium-dependent phospholipase A2; Group V phospholipase A2; PLA2-10; Phosphatidylcholine 2-acylhydrolase 5; anti-PLA2G5 antibody

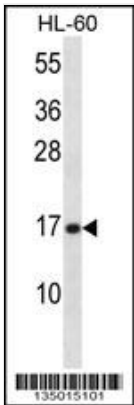
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLA2G5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-132 amino acids from the C-terminal region of human PLA2G5.
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.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	103-132
Sequence Length	138
Applicable Applications for anti-PLA2G5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PLA2G5 Antibody (C-term) (AAA286282)immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PLA2G5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PLA2G5 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the PLA2G5 antibody detected the PLA2G5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G5 antibody	This gene is a member of the secretory phospholipase A2 family. It is located in a tightly-linked cluster of secretory phospholipase A2 genes on chromosome 1. The encoded enzyme catalyzes the hydrolysis of membrane phospholipids to generate lysophospholipids and free fatty acids including arachidonic acid. It preferentially hydrolyzes linoleoyl-containing phosphatidylcholine substrates. Secretion of this enzyme is thought to induce inflammatory responses in neighboring cells. Alternatively spliced transcript variants have been found, but their full-length nature has not been determined. [provided by RefSeq].
Product Categories/Family for anti-PLA2G5 antibody	Cardiovascular; Immunology; Metabolism; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Chattopadhyay, I., et al. Mutat. Res. 696(2):130-138(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Wootton, P.T., et al. Hum. Mol. Genet. 16(12):1437-1444(2007) de Beer, F.C., et al. Arterioscler. Thromb. Vasc. Biol. 26(7):1421-1422(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505853
NCBI GeneID	5322
NCBI Accession #	NP_000920.1
NCBI GenBank Nucleotide #	NM_000929.2
UniProt Accession #	P39877; Q8N435
Molecular Weight	15674
NCBI Official Full Name	calcium-dependent phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group V
NCBI Official Symbol	PLA2G5

NCBI Official Synonym Symbols	FRFB; GV-PLA2; PLA2-10; hVPLA(2)
NCBI Protein Information	calcium-dependent phospholipase A2
UniProt Protein Name	Calcium-dependent phospholipase A2
UniProt Gene Name	PLA2G5
UniProt Entry Name	PA2G5_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/pla2g5-antibody-immunohistochemistry-western-blot-elisa/286282>