

Rabbit anti-Human PLA2G12A Polyclonal Antibody | anti-PLA2G12A antibody

PLA2G12A Antibody (Center)

CATALOG # AAA284438	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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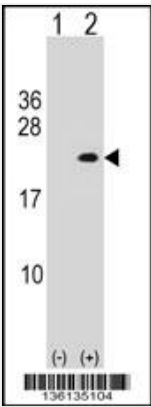
PRODUCT SYNONYMS

PLA2G12A; Polyclonal Antibody; PLA2G12A Antibody (Center); Group XIIA secretory phospholipase A2; GXII sPLA2; sPLA2-XII; Phosphatidylcholine 2-acylhydrolase 12A; PLA2G12; anti-PLA2G12A antibody

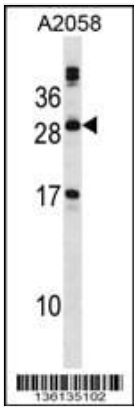
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLA2G12A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the Central region of human PLA2G12A.
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: 0.5 (varies by lot)
Sequence Positions	55-83
Sequence Length	189
Applicable Applications for anti-PLA2G12A antibody	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



WB (Western Blot)
Western blot analysis of PLA2G12A (arrow) using rabbit polyclonal PLA2G12A Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PLA2G12A gene.



WB (Western Blot)
PLA2G12A Antibody (Center) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the PLA2G12A antibody detected the PLA2G12A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G12A antibody	Secreted phospholipase A2 (sPLA2) enzymes liberate arachidonic acid from phospholipids for production of eicosanoids and exert a variety of physiologic and pathologic effects. Group XII sPLA2s, such as PLA2G12A, have relatively low specific activity and are structurally and functionally distinct from other sPLA2s (Gelb et al., 2000 [PubMed 11031251]).
Product Categories/Family for anti-PLA2G12A antibody	Cardiovascular; Metabolism; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010) Chen, W., et al. Proc. Natl. Acad. Sci. U.S.A. 107(16):7401-7406(2010) Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361944
NCBI GeneID	81579
NCBI Accession #	NP_110448.2
NCBI GenBank Nucleotide #	NM_030821.4
UniProt Accession #	Q9BZM1; Q9BZ89
Molecular Weight	21067
NCBI Official Full Name	group XIIA secretory phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group XIIA
NCBI Official Symbol	PLA2G12A
NCBI Official Synonym Symbols	GXII; ROSSY; PLA2G12
NCBI Protein Information	group XIIA secretory phospholipase A2
UniProt Protein Name	Group XIIA secretory phospholipase A2
UniProt Gene Name	PLA2G12A

UniProt Synonym Gene Names	PLA2G12; GXII sPLA2; sPLA2-XII
UniProt Entry Name	PG12A_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/pla2g12a-antibody-western-blot-elisa/284438>