

Rabbit anti-Human LYPLA3 Polyclonal Antibody | anti-PLA2G15 antibody

LYPLA3 (PLA2G15, Group XV Phospholipase A2, 1-O-acylceramide Synthase, ACS, LCAT-like Lysophospholipase, LLPL, Lysophospholipase 3, Lysosomal Phospholipase A2, LPLA2, UNQ341/PRO540)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24065	Rabbit	Human	Western Blot

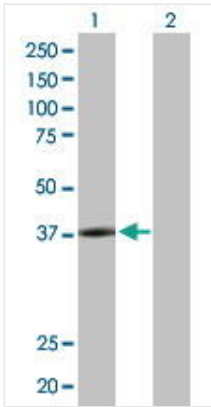
PRODUCT SYNONYMS

LYPLA3; Polyclonal Antibody; LYPLA3 (PLA2G15; Group XV Phospholipase A2; 1-O-acylceramide Synthase; ACS; LCAT-like Lysophospholipase; LLPL; Lysophospholipase 3; Lysosomal Phospholipase A2; LPLA2; UNQ341/PRO540); Anti -LYPLA3 (PLA2G15; anti-PLA2G15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human LYPLA3.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Concentration	1mg/ml (varies by lot)
Sequence	MGLHLRPYRV GLLPDGLLFL LLLLMLLADP ALPAGRHPV VLVPGDLGNQ LEAKLDKPTV VHYLCSKKTE SYFTIWLNLE LLLPVIIDCW IDNIRLVYNK TSRATQFPDG VDVRVPGFGK TFSLEFLDPS KSSVGSYFHT MVESLVGWGY TRGEDVRGAP YDWRRAPNEN GPYFLALREM IEEMYQLYGG PVVLVAHSMG NMYTLYFLQR QPQAWKDKYI RAFVSLGAPW GGVAKTLRVL ASGDNNRIPV IGPLKIREQQ RSAVSTSWLL PYNYSWSPEK VFVQTPPTINY TLRDYRKFFQ DIGFEDGWLM RQDTEGLVEA TMPPGVQLHC LYGTGVPTPD SFYYESFPDR DPKICFGDGD GTVNLKSALQ CQAWQSRQEH QVLLQELPGS EHIEMLANAT TLAYLKRVL GP
Applicable Applications for anti-PLA2G15 antibody	WB (Western Blot)
Application Notes	Suitable for use in Western Blot.
Immunogen	Full length recombinant protein corresponding to aa1-412 of human LYPLA3
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)
Western Blot analysis of PLA2G15 expression in transfected 293T cell line by PLA2G15 polyclonal antibody. Lane 1: LYPLA3 transfected lysate (46.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G15 antibody	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene hydrolyzes lysophosphatidylcholine to glycerophosphorylcholine and a free fatty acid. This enzyme is present in the plasma and thought to be associated with high-density lipoprotein. A later paper contradicts the function of this gene. It demonstrates that this gene encodes a lysosomal enzyme instead of a lysophospholipase and has both calcium-independent phospholipase A2 and transacylase activities.
Product Categories/Family for anti-PLA2G15 antibody	Antibodies; Abs to Enzymes; Phospholipase

NCBI AND UNIPROT INFORMATION

NCBI GI #	119603624
NCBI GeneID	23659
UniProt Accession #	Q8NCC3; Q53GZ1; Q9NPQ6; Q9UG04; Q9Y2B3; B3KMF3
NCBI Official Full Name	lysophospholipase 3 (lysosomal phospholipase A2), isoform CRA_b
NCBI Official Synonym Full Names	phospholipase A2, group XV
NCBI Official Symbol	PLA2G15
NCBI Official Synonym Symbols	ACS; LLPL; LPLA2; LYPLA3; GXVPLA2
NCBI Protein Information	group XV phospholipase A2; 1-O-acylceramide synthase; lysosomal phospholipase A2; LCAT-like lysophospholipase; lysophospholipase 3 (lysosomal phospholipase A2)
UniProt Protein Name	Group XV phospholipase A2
UniProt Gene Name	PLA2G15
UniProt Synonym Gene Names	LYPLA3; ACS; LLPL; LPLA2
UniProt Entry Name	PAG15_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.