

Mouse LYPLA3 Monoclonal 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 # AAA24054	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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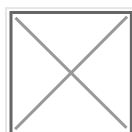
PRODUCT SYNONYMS

LYPLA3; Monoclonal 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

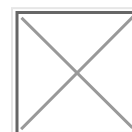
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3B11
Specificity	Recognizes human LYPLA3. Species Crossreactivity: mouse and rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	TEGLVEATMP PGVQLHCLYG TGVPTDSFY YESFPDRDPK ICFGDGDGTV NLKSALQCQA WQSRQEHQVL LQELPGSEHI EMLANATTLA YLKRVLLGP*
Applicable Applications for anti-PLA2G15 antibody	ELISA, WB (Western Blot)
Application Notes	Suitable for use in ELISA and Western Blot.
Immunogen	Partial recombinant corresponding to aa314-413 from LYPLA3 (NP_036452) with GST tag. MW of the GST tag alone is 26kD.
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 LYPLA3 expression in NIH/3T3 using AAA24054.



WB (Western Blot)

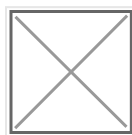
Western Blot analysis of PLA2G15 expression in transfected 293T cell line using AAA24054.
Lane 1: PLA2G15 transfected lysate (46.7kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

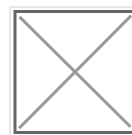
Western Blot analysis of LYPLA3 expression in Raw 264.7 using AAA24054.

**WB (Western Blot)**

Western Blot analysis of LYPLA3 expression in PC-12 using AAA24054.

**WB (Western Blot)**

Western Blot analysis of LYPLA3 expression in HeLa using AAA24054.

**WB (Western Blot)**

Western Blot detection against Immunogen using AAA24054 (37kD) .

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
Molecular Weight	46,658 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lypla3-antibody-clone-3b11-western-blot-elisa/24054>