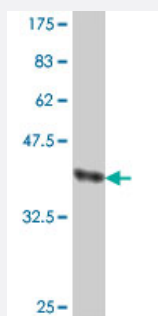


LYPLA3 polyclonal antibody (A01)

Catalog # H00023659-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant LYPLA3.
Immunogen	LYPLA3 (NP_036452, 314 a.a. ~ 412 a.a) partial recombinant protein with GST tag.
Sequence	TEGLVEATMPPGVQLHCLYGTGVPTPDSFYYESFPDRDPKICFGDGDGTVNLKSALQCQAWQSR QEHQVLLQELPGSEHIEMLANATTLAYLKRVLLGP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PLA2G15

Entrez GeneID [23659](#)

GeneBank Accession# [NM_012320](#)

Protein Accession# [NP_036452](#)

Gene Name PLA2G15

Gene Alias ACS, DKFZp564A0122, GXVPLA2, LLPL, LPLA2, LYPLA3

Gene Description phospholipase A2, group XV

Omim ID [609362](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations 1-O-acylceramide synthase|LCAT-like lysophospholipase|lysophospholipase 3 (lysosomal phospholipase A2)|lysosomal phospholipase A2

Pathway

- [Glycerophospholipid metabolism](#)
- [Lysosome](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)