

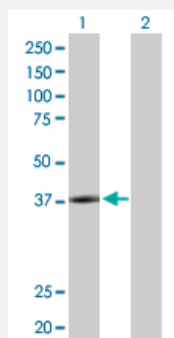
MaxPab®

LYPLA3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00023659-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PLA2G15 expression in transfected 293T cell line ([H00023659-T01](#)) by PLA2G15 MaxPab polyclonal antibody.

Lane 1: LYPLA3 transfected lysate(46.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human LYPLA3 protein.

Immunogen

LYPLA3 (NP_036452.1, 1 a.a. ~ 412 a.a) full-length human protein.

Sequence

MGLHLRPYRVGLLPDGLLFLLLLLMLLADPALPAGRHPVVLVPGDLGNQLEAKLDKPTVVHYLC
SKKTESYFTWLNLELLLPVIIDCWIDNIRLVYNKTSRATQFPDGDVVRVPGFGKTFSLFLDPSKSS
VGSYFHTMVESLVGWGYTRGEDVRGAPYDWRAPNENGPYFLALREMIEEMYQLYGGPVVLVA
HSMGNMYTLYFLQRQPQAWKDKYIRAFVSLGAPWGGVAKTLRVLASGDNNRIPVIGPLKIREQQR
SAVSTSWLLPYNYTWSPEKVFVQTPTINYTLRDYRKFFQDIGFEDGWLMRQDTEGLVEATMPPGV
QLHCLYGTGPVTPDSFYYESFPDRDPKICFGDGDGTVNLKSALQCQAWQSRQEHQVLLQELPGS
EHIEMLANATTLAYLKRVLG

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (88); Rat (88)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PLA2G15

Entrez GeneID [23659](#)

GeneBank Accession# [NM_012320.3](#)

Protein Accession# [NP_036452.1](#)

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](#)