

Anti-LYPLA2 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18546**Specification**

Anti-LYPLA2 Antibody - Product Information

Application	IHC-P, IF, E
Primary Accession	O95372
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	24737
Dilution	IHC-P~~N/A IF~~1:50~200 E~~N/A

Anti-LYPLA2 Antibody - Additional Information**Gene ID** 11313**Alias Symbol** LYPLA2**Other Names**

LYPLA2, Acyl-protein thioesterase 2, APT-2, APT2, DJ886K2.4, LysoPLA II, LPL-II, Lysophospholipase II

Target/Specificity

Human LYPLA2

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-LYPLA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-LYPLA2 Antibody - Protein Information**Name** LYPLA2**Synonyms** APT2**Function**

Acts as an acyl-protein thioesterase hydrolyzing fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins, GSDMD, GAP43, ZDHHC6 or HRAS (PubMed:21152083, PubMed:28826475). Deacylates GAP43 (PubMed:21152083)

target="_blank">21152083). Mediates depalmitoylation of ZDHHC6 (PubMed:28826475). Has lysophospholipase activity (PubMed:25301951). Hydrolyzes prostaglandin glycerol esters (PG-Gs) in the following order prostaglandin D2-glycerol ester (PGD2-G) > prostaglandin E2 glycerol ester (PGE2-G) > prostaglandin F2-alpha- glycerol ester (PGF2-alpha-G) (PubMed:25301951). Hydrolyzes 1- arachidonoylglycerol but not 2-arachidonoylglycerol or arachidonoyl ethanolamide (PubMed:25301951).

Cellular Location

Cytoplasm.

Tissue Location

Expressed in various breast cancer cell lines.

Anti-LYPLA2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-LYPLA2 Antibody - Images