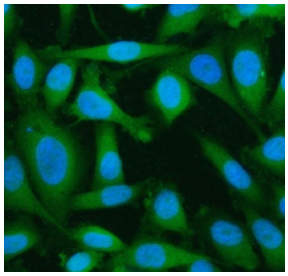
LYPLA2 Antibody / Acyl-protein thioesterase 2 / APT2 (RQ8482)

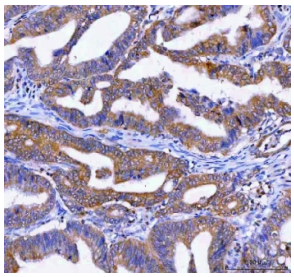
Catalog No.	Formulation	Size
RQ8482	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

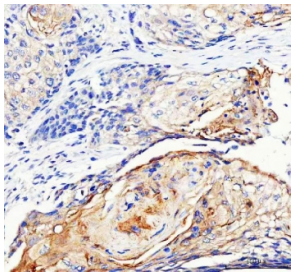
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95372
Localization	Cytoplasm
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This LYPLA2 antibody is available for research use only.



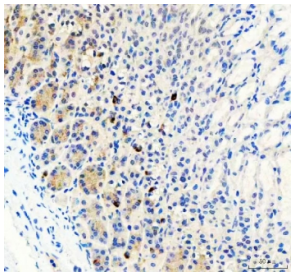
Immunofluorescent staining of FFPE human PC-3 cells with LYPLA2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



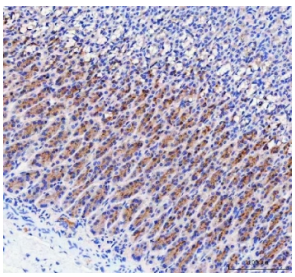
IHC staining of FFPE human rectum adenocarcinoma tissue with LYPLA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



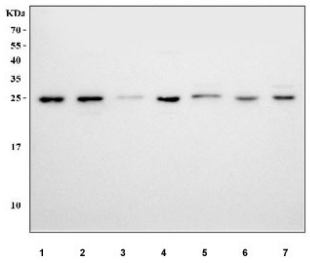
IHC staining of FFPE human esophageal squamous carcinoma tissue with LYPLA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



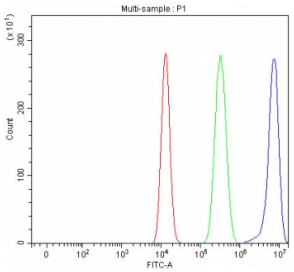
IHC staining of FFPE mouse stomach tissue with LYPLA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat stomach tissue with LYPLA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human SH-SY5Y, 2) human HepG2, 3) human HeLa, 4) human HEL, 5) rat brain, 6) rat stomach and 7) mouse brain tissue lysate with LYPLA2 antibody. Predicted molecular weight ~25 kDa.



Flow cytometry testing of fixed and permeabilized human HEL cells with LYPLA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LYPLA2 antibody.

Description

Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. There are alternatively spliced transcript variants described for this gene but the full length nature is not known yet.

Application Notes

Optimal dilution of the LYPLA2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids H38-V231) was used as the immunogen for the LYPLA2 antibody.

Storage

After reconstitution, the LYPLA2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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