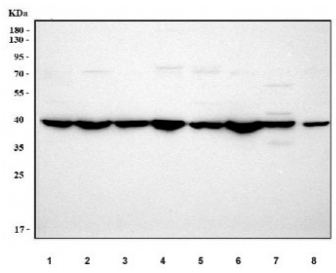
LDAH Antibody / Lipid droplet-associated serine hydrolase (RQ8615)

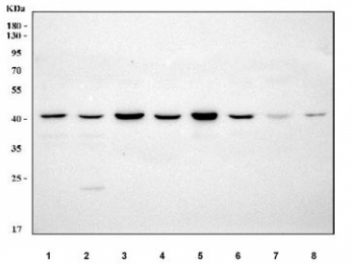
Catalog No.	Formulation	Size
RQ8615	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

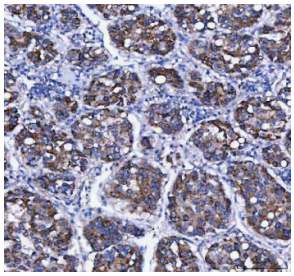
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H6V9
Localization	Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This LDAH antibody is available for research use only.



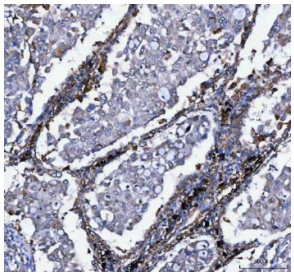
Western blot testing of 1) rat brain, 2) rat liver, 3) rat kidney, 4) rat RH35, 5) mouse brain, 6) mouse liver, 7) mouse kidney, 8) mouse NIH 3T3 cell lysate with LDAH antibody. Predicted molecular weight ~37 kDa.



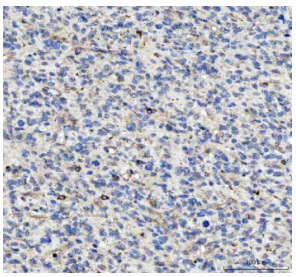
Western blot testing of 1) human HeLa, 2) human Jurkat, 3) human A431, 4) human MCF7, 5) monkey COS7, 6) human SK-N-SH, 7) human SH-SY5Y and 8) human K562 cell lysate with LDAH antibody. Predicted molecular weight ~37 kDa.



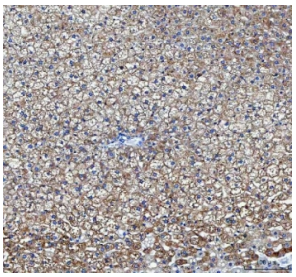
IHC staining of FFPE human liver cancer tissue with LDAH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



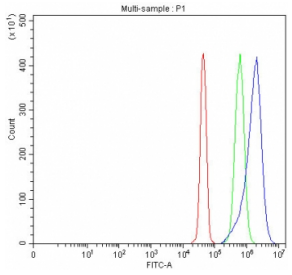
IHC staining of FFPE human lung cancer tissue with LDAH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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



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



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

Description

Serine lipid hydrolase associated with lipid droplets. Highly expressed in macrophage-rich areas in atherosclerotic lesions, suggesting that it could promote cholesterol ester turnover in macrophages.

Application Notes

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

Immunogen

An E.coli-derived human recombinant protein (amino acids E7-D281) was used as the immunogen for the LDAH antibody.

Storage

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