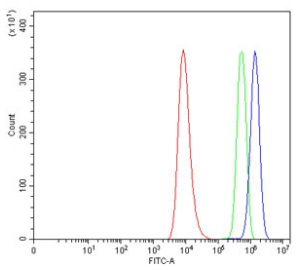
Alpha/beta-hydrolase 4 Antibody / ABHD4 (RQ7137)

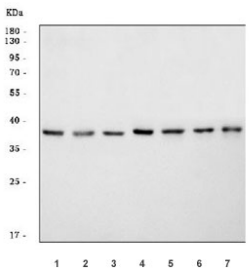
Catalog No.	Formulation	Size
RQ7137	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business 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	Q8TB40
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Alpha/beta-hydrolase 4 antibody is available for research use only.



Flow cytometry testing of human HEL cells with Alpha/beta-hydrolase 4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Alpha/beta-hydrolase 4 antibody.



Western blot testing of 1) human SiHa, 2) human HaCaT, 3) human A549, 4) rat brain, 5) rat lung, 6) mouse brain and 7) mouse lung tissue lysate with Alpha/beta-hydrolase 4 antibody. Predicted molecular weight ~39 kDa.

Description

Predicted to enable lysophosphatidic acid acyltransferase activity and lysophospholipase activity. Predicted to be involved in N-acylphosphatidylethanolamine metabolic process; lipid homeostasis; and phosphatidic acid biosynthetic process. Predicted to act upstream of or within N-acylethanolamine metabolic process. Predicted to be located in endoplasmic reticulum membrane. Predicted to be active in lipid droplet and mitochondrion.

Application Notes

Optimal dilution of the Alpha/beta-hydrolase 4 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q27-D342) was used as the immunogen for the Alpha/beta-hydrolase 4 antibody.

Storage

After reconstitution, the Alpha/beta-hydrolase 4 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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