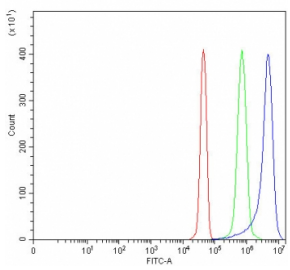
NAAA Antibody / N-acylethanolamine-hydrolyzing acid amidase (RQ8078)

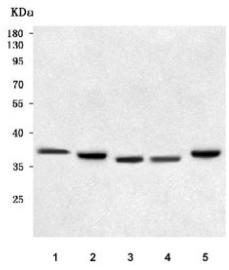
Catalog No.	Formulation	Size
RQ8078	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, 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	Q02083
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This NAAA antibody is available for research use only.



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



Western blot testing of 1) human ThP-1, 2) human MCF7, 3) rat liver, 4) rat kidney and 5) rat PC-12 cell lysate with NAAA antibody. Predicted molecular weight ~40/36/22 kDa (multiple isoforms).

Description

N-acylethanolamine-hydrolyzing acid amidase, also called ASAHL and PLT, is an enzyme that in humans is encoded by the NAAA gene. Enables N-(long-chain-acyl)ethanolamine deacylase activity; N-acylsphingosine amidohydrolase activity; and fatty acid amide hydrolase activity. Involved in several processes, including N-acylethanolamine metabolic process; N-acylphosphatidylethanolamine metabolic process; and sphingosine metabolic process. Located in lysosome. Is extrinsic component of membrane.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids R35-L325) was used as the immunogen for the NAAA antibody.

Storage

After reconstitution, the NAAA 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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