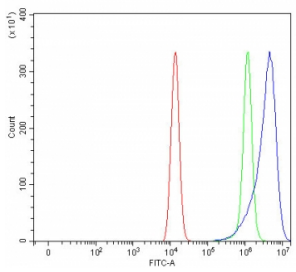
Chronophin Antibody / PDXP (RQ8031)

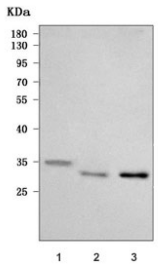
Catalog No.	Formulation	Size
RQ8031	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q96GD0
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Chronophin antibody is available for research use only.



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



Western blot testing of 1) human SH-SY5Y, 2) rat brain and 3) mouse brain tissue lysate with Chronophin antibody. Predicted molecular weight ~32 kDa.

Description

Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids M1-R189) was used as the immunogen for the Chronophin antibody.

Storage

After reconstitution, the Chronophin 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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