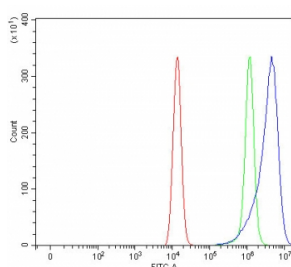


Chronophin Antibody / PDXP (RQ8031)

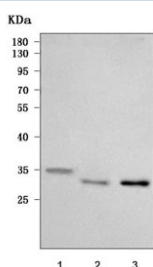
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ8031 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| 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.