PNPO Polyclonal Antibody

Catalog Number:E-AB-19759

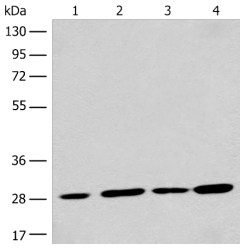
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

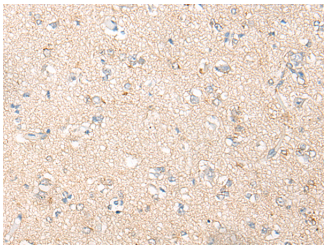
Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human PNPO
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:20-1:100
ELISA	1:5000-1:10000

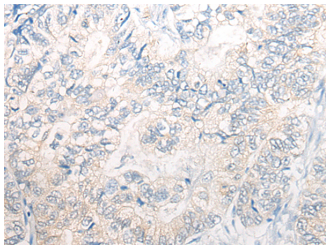
Data



Western blot analysis of 293T cell lysates using PNPO Polyclonal Antibody at dilution of 1:700
Observed MW:Refer to figures
Calculated Mw:30 kDa



Immunohistochemistry of paraffin-embedded Human brain tissue using PNPO Polyclonal Antibody at dilution of 1:30(×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PNPO Polyclonal Antibody at dilution of 1:30(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

The enzyme encoded by this gene catalyzes the terminal, rate-limiting step in the synthesis of pyridoxal 5'-phosphate, also

known as vitamin B6. Vitamin B6 is a required co-factor for enzymes involved in both homocysteine metabolism and synthesis of neurotransmitters such as catecholamine. Mutations in this gene result in pyridoxamine 5'-phosphate oxidase (PNPO) deficiency, a form of neonatal epileptic encephalopathy.

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