

PNPO Polyclonal Antibody

catalog number: E-AB-19759

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

Description

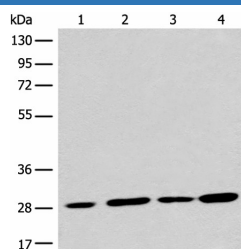
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human PNPO
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:20-1:100

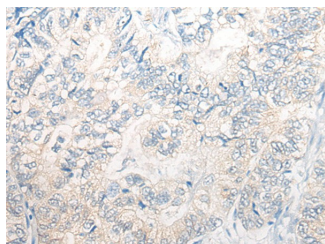
Data



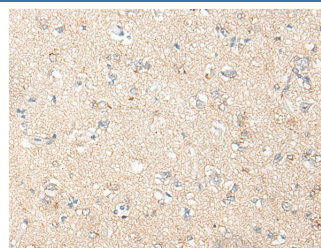
Western blot analysis of 293T cell lysates using PNPO Polyclonal Antibody at dilution of 1:700

Observed-MW:Refer to figures

Calculated-MW:30 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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.