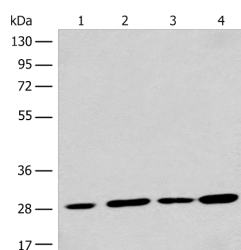


PNPO Polyclonal Antibody

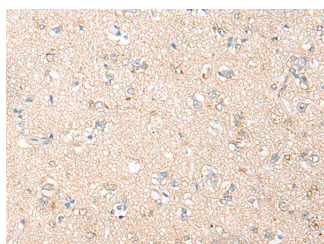
Catalog No.	E-AB-19759	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

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

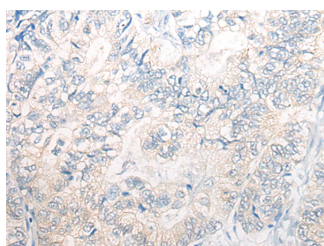
Images



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



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)

Immunogen Information

Immunogen	Synthetic peptide of human PNPO
Gene Accession	NP060599
Swissprot	Q9NVS9
Synonyms	EC 1.4.3.5,FLJ10535,PDXPO,PNPO,PNPO,Pyridoxine-5'-phosphate oxidase

Product Information

Calculated MW	30 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:20-1:100, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.