

Product datasheet for **TA372342S**

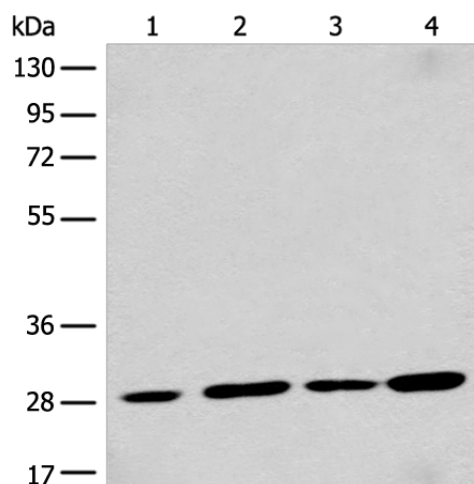
PNPO Rabbit Polyclonal Antibody

Product data:

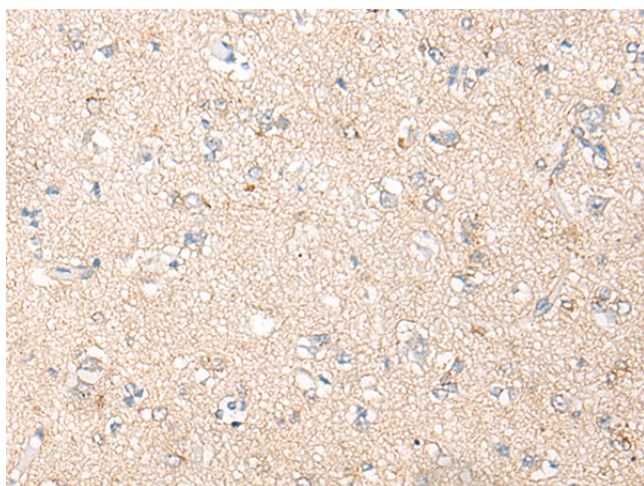
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal brain tissue□PC-3□Hela and 293T cell lysates IHC: 20-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PNPO
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	30 kDa
Gene Name:	pyridoxamine 5'-phosphate oxidase
Database Link:	Entrez Gene 55163 Human Q9NVS9
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.
Synonyms:	FLJ10535; PDXPO



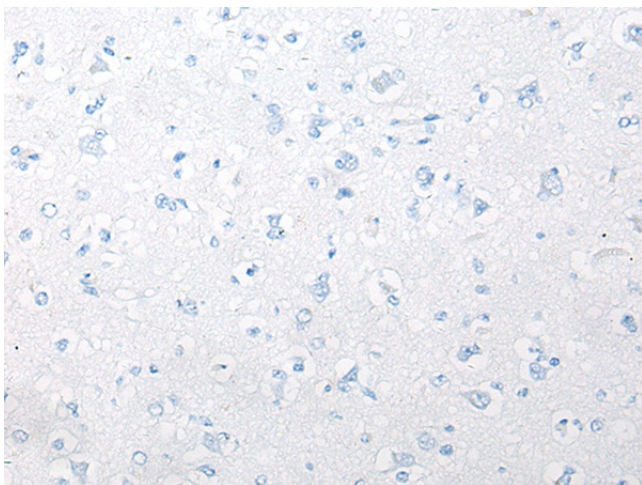
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Product images:

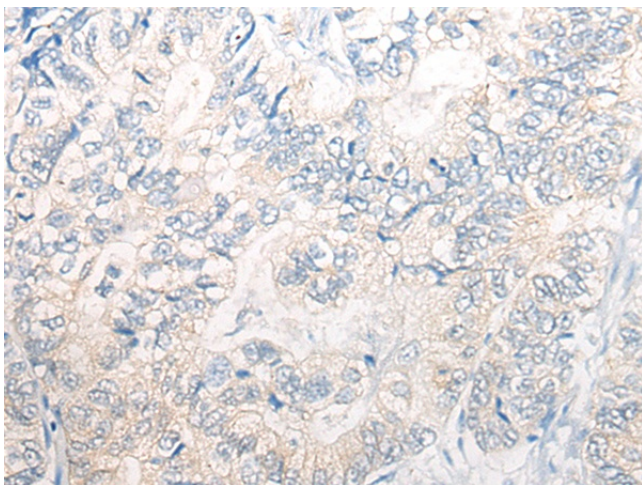
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-4: Human fetal brain tissue
PC-3
Hela and 293T cell lysates
Primary antibody: [TA372342] (PNPO Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



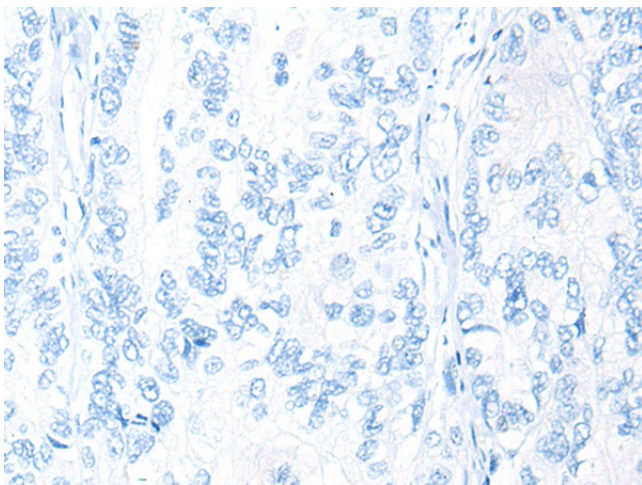
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA372342] (PNPO Antibody) at dilution 1/30 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA372342] (PNPO Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA372342] (PNPO Antibody) at dilution 1/30 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA372342] (PNPO Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: x200)