

Anti-PNPO antibody

Cat. No.	ml163598
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PNPO rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human PNPO
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PNPO
Full name	pyridoxamine 5'-phosphate oxidase
Synonyms	PDXPO; HEL-S-302
Swissprot	Q9NVS9

Target 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.

订购热线: 4008-898-798

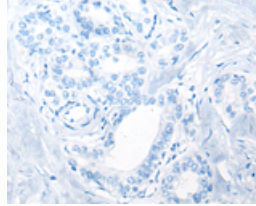
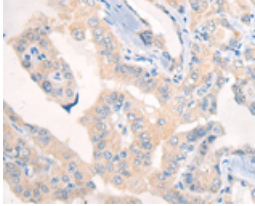
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 20-100

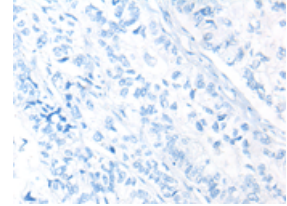
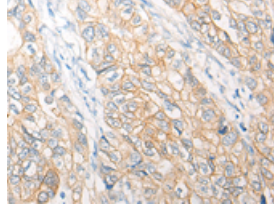


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml163598(PNPO Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human gastric cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml163598(PNPO Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size: 30 kDa

Positive control: HEPG2, 293T, HeLa and PC-3 cell lysates

Recommended dilution: 200-1000

Gel: 8% SDS-PAGE

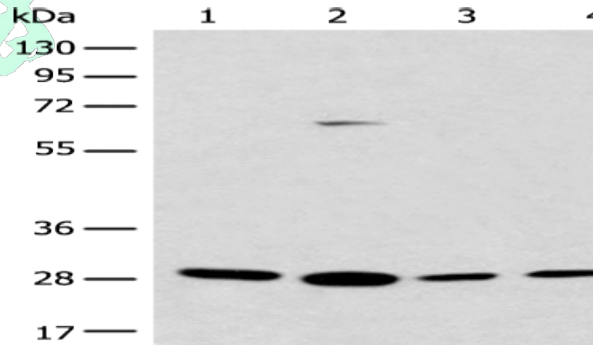
Lysate: 40 µg

Lane 1-4: HEPG2, 293T, HeLa and PC-3 cell lysates

Primary antibody: ml163598(PNPO Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn