

Product datasheet

Anti-PNPO antibody ab102824

1 图像

概述

产品名称	Anti-PNPO抗体
描述	兔多克隆抗体to PNPO
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	KLH conjugated synthetic peptide designed between amino acids 232~261 from the C-terminal region of Human PNPO.
阳性对照	293 cell line lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Immunogen affinity purified
纯化说明	This antibody is purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab102824** in the following tested applications.

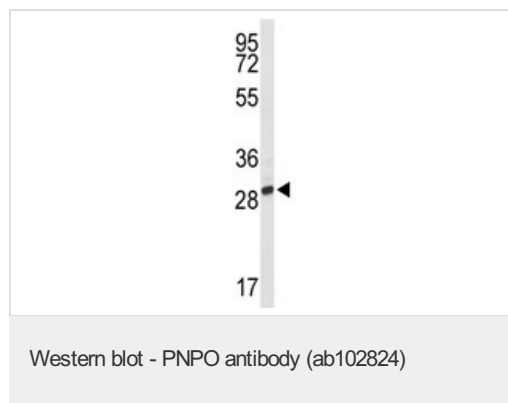
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/100 - 1/500. Predicted molecular weight: 30 kDa.

靶标

功能	Catalyzes the oxidation of either pyridoxine 5'-phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).
通路	Cofactor biosynthesis; B6 vitamer interconversion; pyridoxal 5'-phosphate from pyridoxamine 5'-phosphate: step 1/1. Cofactor biosynthesis; B6 vitamer interconversion; pyridoxal 5'-phosphate from pyridoxine 5'-phosphate: step 1/1.
疾病相关	Defects in PNPO are the cause of pyridoxine-5'-phosphate oxidase deficiency (PNPO deficiency) [MIM:610090]; also known as PNPO-related neonatal epileptic encephalopathy. The main feature of neonatal epileptic encephalopathy is the onset within hours of birth of a severe seizure disorder that does not respond to anticonvulsant drugs and can be fatal. Seizures can cease with the administration of PLP, being resistant to treatment with pyridoxine.
序列相似性	Belongs to the pyridoxamine 5'-phosphate oxidase family.

图片



Anti-PNPO antibody (ab102824) at 1/100 dilution + 293 cell line lysate at 35 µg

Predicted band size : 30 kDa

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