

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
宿主	Rabbit
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.

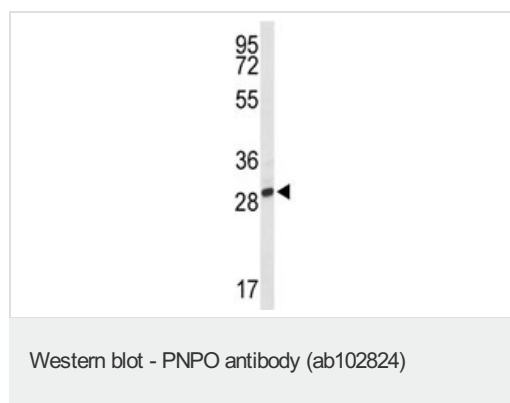
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

靶标

<b>功能</b>	Catalyzes the oxidation of either pyridoxine 5'-phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).
<b>通路</b>	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.
<b>疾病相关</b>	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.
<b>序列相似性</b>	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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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