

Product datasheet

Anti-PNPO antibody [5] ab106191

1 图像

概述

产品名称	Anti-PNPO抗体[5]
描述	小鼠单克隆抗体[5] to PNPO
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to amino acids 41-261 of Human PNPO expressed in E. coli.
阳性对照	HepG2 whole cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Proclin Constituents: Tris HCl, Sodium citrate, pH 7.0
纯度	Protein A purified
克隆	单克隆
克隆编号	5
同种型	IgG2b

应用

Our [Abpromise guarantee](#) covers the use of **ab106191** in the following tested applications.

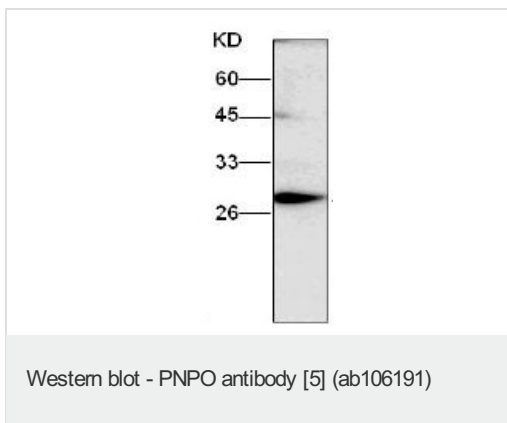
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 30 kDa.
ELISA		Use at an assay dependent dilution.

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.

### Anti-PNPO antibody [5] 图像



Anti-PNPO antibody [5] (ab106191) at 1/1000 dilution + HepG2 whole cell lysate

**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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