

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
宿主	Mouse
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.

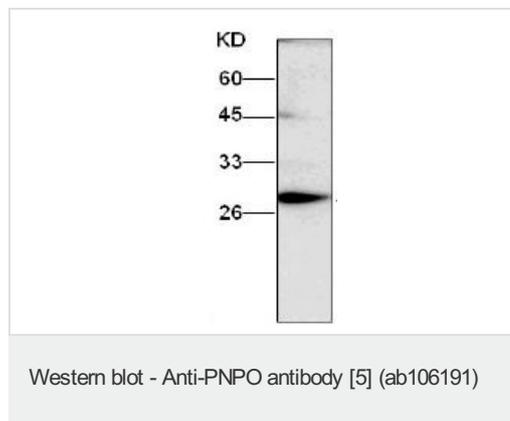
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

靶标

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

Predicted band size: 30 kDa

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