

# PNPO Rabbit pAb

货号: **AYP14522**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus
应用	<a href="#">WB</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	7kDa/25kDa/27kDa/29kDa
实测分子量	30kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,293T,Mouse brain,Mouse kidney,Mouse liver,Rat brain,Rat kidney,Rat liver
细胞定位	cytosol
纯化	Affinity purification

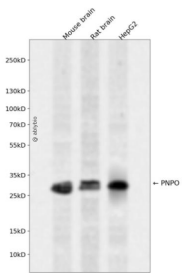
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human PNPO (NP_060599.1).
序列	MTCWLRGVTATFGRPAEWPGYLSHLCGRSAAMD LGPMRKS YRGDREAFEETHLTS LDPVKQFAAWFEEAVQCPDIGEANAMCLATCTRDGKPSARMLLLKGF GKGDFRFFTFNFESRKGKELDSNPFASLVFYWEPLNRQVRVEGPVKKLP EEEAECYFHSRPKSSQIGAVVSHQSSVIPDREYLRKKNEELEQLYQDQEV PKPKSWGGYVLYPQVMEFWQGQTNR LHDRIVFRRGLPTGDSPLGPMTHRGEEDWLYERLAP

## 靶点信息

研究背景	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.
基因ID	55163
基因名	PNPO
Swiss	Q9NVS9
别名	HEL-S-302;PDXPO;PNPO

## 产品验证



Western blot analysis of PNPO expressed in Mouse brain, Rat brain, HepG2 using PNPO Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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