

## PNPO Antibody (C-term)

Catalog_no :	AB2687
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:232-261
Specificity :	This PNPO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-261 amino acids from the C-terminal region of human PNPO.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Pyridoxine-5'-phosphate oxidase, Pyridoxamine-phosphate oxidase, PNPO
Isotype :	Rabbit Ig
Background :	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.
reference :	Musayev, F.N., et al. J. Biol. Chem. 284(45):30949-30956(2009) Khayat, M., et al. Mol. Genet. Metab. 94(4):431-434(2008) Song, H., et al. Schizophr. Res. 97 (1-3), 264-270 (2007) : Mills, P.B., et al. Hum. Mol. Genet. 14(8):1077-1086(2005) Kang, J.H.