

Datasheet for ABIN631149
anti-PNPO antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PNPO
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPO antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PNPO antibody was raised using the N terminal of PNPO corresponding to a region with amino acids PMRKSRYRGDREAFFEETHLTSLDPVKQFAAWFEEAVQCPDIGEANAMCLAT
Specificity:	PNPO antibody was raised against the N terminal of PNPO
Purification:	Affinity purified

Target Details

Target:	PNPO
Alternative Name:	PNPO (PNPO Products)
Background:	PNPO 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.

Target Details

Molecular Weight: 29 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PNPO Blocking Peptide, catalog no. 33R-7225, is also available for use as a blocking control in assays to test for specificity of this PNPO antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PNPO antibody in PBS

Concentration: Lot specific

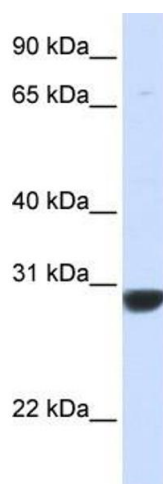
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. PNPO antibody used at 1 µg/ml to detect target protein.