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Datasheet for ABIN565829

anti-PNPO antibody (AA 163-261)

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Overview

Quantity:	50 µL
Target:	PNPO
Binding Specificity:	AA 163-261
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PNPO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant PNPO.
Immunogen:	PNPO (NP_060599, 163 a.a. ~ 261 a.a) partial recombinant protein with GST tag.
Sequence:	KSSQIGAVVS HQSSVIPDRE YLRKKNEELE QLYQDQEVPK PKSWGYYVLY PQVMEFWQQQ TNRLHDRVIF RRGLPTGDSP LGPMTHRGEE DWLYERLAP
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PNPO
Alternative Name:	PNPO (PNPO Products)

Target Details

Background: Full Gene Name: pyridoxamine 5'-phosphate oxidase
Synonyms: FLJ10535,PDXPO

Gene ID: 55163

NCBI Accession: [NM_018129](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 50 % glycerol

Handling Advice: Aliquot to avoid repeated freezing and thawing.

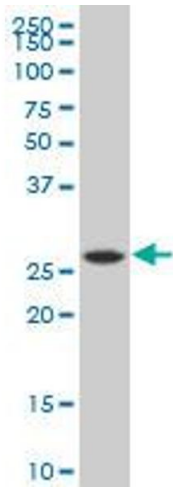
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

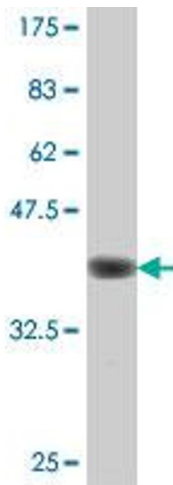
Product cited in: Phark, Park, Choi, Zheng, Cho, Lee, Lim, Seo, Won, Jung, Sul: "Toxicological biomarkers of 2,3,4,7,8-pentachlorodibenzofuran in proteins secreted by HepG2 cells." in: **Biochimica et biophysica acta**, Vol. 1824, Issue 4, pp. 656-66, (2012) ([PubMed](#)).

Khayat, Korman, Frankel, Weintraub, Hershckowitz, Sheffer, Ben Elisha, Wevers, Falik-Zaccai: "PNPO deficiency: an under diagnosed inborn error of pyridoxine metabolism." in: **Molecular genetics and metabolism**, Vol. 94, Issue 4, pp. 431-4, (2008) ([PubMed](#)).



Western Blotting

Image 1. PNPO polyclonal antibody (A01), Lot # 060529JCS1 Western Blot analysis of PNPO expression in MES-SA/Dx5 .



Western Blotting

Image 2. Western Blot detection against Immunogen (37 kDa) .