

DNAxPAb

Hard-to-Find
Antibody

PXDN DNAxPAb

Catalog # H00007837-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PXDN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PXDN

Entrez GeneID	7837
GeneBank Accession#	BC140295.1
Protein Accession#	AA140296.1
Gene Name	PXDN
Gene Alias	D2S448, D2S448E, KIAA0230, MG50, PRG2, PXN, VPO
Gene Description	peroxidasin homolog (Drosophila)
Omim ID	605158
Gene Ontology	Hyperlink
Gene Summary	Drosophila peroxidasin is an extracellular matrix-associated peroxidase (Horikoshi et al., 1999 [PubMed 10441517]). It is expressed exclusively in hemocytes derived from head mesoderm at a very early stage of differentiation. Peroxidasin exists as a homotrimer with a unique hybrid structure that combines an enzymatically functional peroxidase domain with motifs that are typically found in extracellular matrix-associated proteins. It is a secreted protein that contains a secretory recognition sequence at its N terminus. Peroxidasin catalyzes hydrogen peroxide-driven radioiodination, oxidations, and the formation of dityrosine in vitro. It is also thought to function in extracellular matrix consolidation, phagocytosis, and defense.[supplied by OMIM]
Other Designations	p53-responsive gene 2 peroxidasin homolog

Disease

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- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)