

Product datasheet for **TA346463**

PXDN Rabbit Polyclonal Antibody

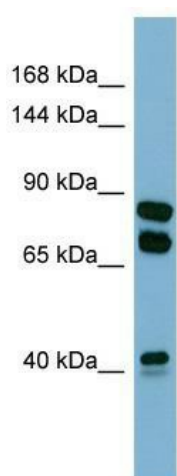
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-PXDN antibody is: synthetic peptide directed towards the N-terminal region of Human PXDN. Synthetic peptide located within the following region: NLKYLKLYKNEIQSIDRQAFKGLASLEQLYLHFNQIETLDPDSFQHLPKL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	79 kDa
Gene Name:	peroxidasin
Database Link:	NP_036425 Entrez Gene 7837 Human Q92626



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- Background:** Drosophila peroxidase 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. Peroxidase 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. Peroxidase 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.
- Synonyms:** COPOA; D2S448; D2S448E; MG50; PRG2; PXN; VPO
- Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Dog: 93%; Rabbit: 93%
- Protein Families:** Druggable Genome, Transmembrane

Product images:

Host: Rabbit; Target Name: PXDN; Sample Tissue: COLO205 Whole cell lysates; Antibody Dilution: 1.0 ug/ml