

Datasheet for ABIN2775373
anti-Peroxidasin antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Peroxidasin (PXDN)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Guinea Pig, Horse, Dog, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxidasin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PXDN
Sequence:	NLKYLKLYKN EIQSIDRQAF KGLASLEQLY LHFNQIETLD PDSFQHLPKL
Predicted Reactivity:	Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PXDN. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Peroxidasin (PXDN)
Alternative Name:	PXDN (PXDN Products)
Background:	Drosophila peroxidasin is an extracellular matrix-associated peroxidase (Horikoshi et al., 1999)

Target Details

[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.

Protein Interaction Partner: HECW2, BNIPL, FBXO6, TRAF4,

Protein Size: 727

Molecular Weight:	79 kDa
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Gene ID:	7837
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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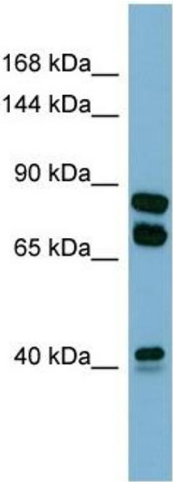
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. Host: Rabbit Target Name: PXDN Sample Type: COLO205 Whole cell lysates Antibody Dilution: 1.0ug/ml