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Datasheet for ABIN571177

## anti-PEX2 antibody (Internal Region)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	PEX2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PEX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	PEX2 / PXMP3
Immunogen:	Peptide with sequence C-NATVGQSVLN IKYKN, from the internal region of the protein sequence according to NP_000309.1.
Sequence:	NATVGQSVLN IKYKN
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001073336.1, NP_000309.1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	PEX2
Alternative Name:	PXMP3 ( <a href="#">PEX2 Products</a> )
Background:	PXMP3, peroxisomal membrane protein 3, 35 kDa, PAF-1, PAF1, PEX2, PMP3, PMP35, RNF72, RING finger protein 72, peroxin 2, peroxin-2, peroxisome assembly factor-1
Gene ID:	5828, 19302, 29534
NCBI Accession:	<a href="#">NP_000309</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

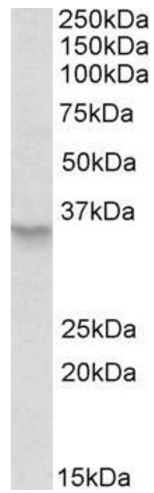
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Application Notes:	Western Blot: Approx 35 kDa band observed in lysates of cell line HeLa (calculated MW of 34.9 kDa according to NP_000309.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** ABIN571177 (0.5 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.