

Datasheet for ABIN2786508
anti-PEX7 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PEX7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX7 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 PEX7
Sequence:	MSAVCGGAAR MLRTPGRHGY AAEFSPYLPGLACATAQHY GIAGCGTLLI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PEX7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PEX7
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Target Details

Alternative Name:	PEX7 (PEX7 Products)
Background:	<p>PEX7 binds to the N-terminal PTS2-type peroxisomal targeting signal and plays an essential role in peroxisomal protein import.</p> <p>Alias Symbols: PTS2R, RCDP1, RD</p> <p>Protein Interaction Partner: PRMT6, KDM1A, PEX5, ACAT1, Pex7, UBC, PHYH, PEX14, PEX13,</p> <p>Protein Size: 323</p>
Molecular Weight:	36 kDa
Gene ID:	5191
NCBI Accession:	NM_000288 , NP_000279
UniProt:	O00628
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.



Western Blotting

Image 1. WB Suggested Anti-PEX7
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate
PEX7 is supported by BioGPS gene expression data to be expressed in MCF7

Western Blotting

Image 2. WB Suggested Anti-PEX7 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate