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Datasheet for ABIN2782478
anti-PEX3 antibody (N-Term)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	PEX3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PEX3
Sequence:	KYGQKKIREI QEREAHEYIA QARRQYHFES NQRTCNTVL SMLPTLREAL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against PEX3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PEX3
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Target Details

Alternative Name:	PEX3 (PEX3 Products)
Background:	<p>PEX3 is involved in peroxisome biosynthesis and integrity. It assembles membrane vesicles before the matrix proteins are translocated. As a docking factor for PEX19, it is necessary for the import of peroxisomal membrane proteins in the peroxisomes.</p> <p>Alias Symbols: TRG18</p> <p>Protein Interaction Partner: UBC, PEX19, PEX14, CHCHD4, HNRNPR, ABCD3, HNRNPF, DHX15, ABCD1,</p> <p>Protein Size: 373</p>
Molecular Weight:	42 kDa
Gene ID:	8504
NCBI Accession:	NM_003630 , NP_003621
UniProt:	P56589

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

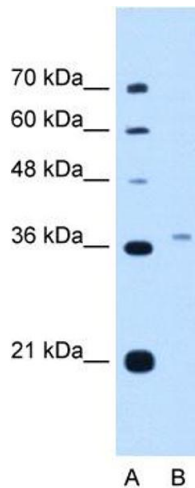
Handling

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.

Publications

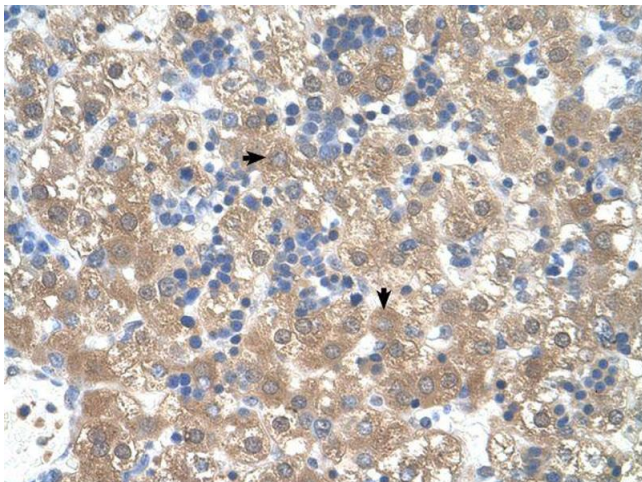
Product cited in: Libby, Bales, Orlicky, McManaman: "Perilipin-2 Deletion Impairs Hepatic Lipid Accumulation by Interfering with Sterol Regulatory Element-binding Protein (SREBP) Activation and Altering the Hepatic Lipidome." in: **The Journal of biological chemistry**, Vol. 291, Issue 46, pp. 24231-24246, (2016) ([PubMed](#)).

Images



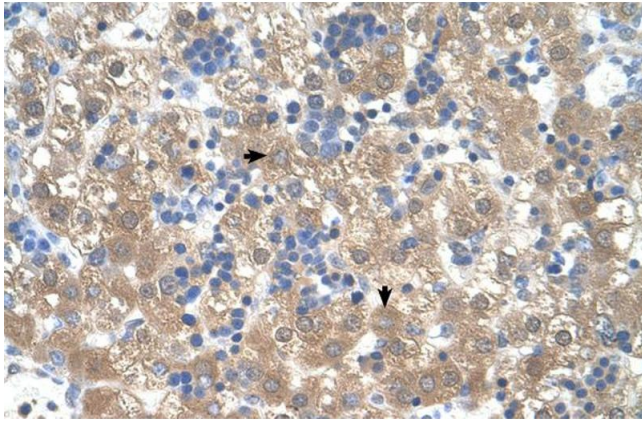
Western Blotting

Image 1. WB Suggested Anti-PEX3 Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that PEX3 is expressed in HepG2



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3. Human Liver