

Datasheet for ABIN2856772

anti-PEX19 antibody

5 Images

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Overview

Quantity:	100 µL
Target:	PEX19
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PEX19. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to PEX19 (peroxisomal biogenesis factor 19) PEX19 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PEX19
Alternative Name:	peroxisomal biogenesis factor 19 (PEX19 Products)

Target Details

Background: This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause Zellweger syndrome (ZWS).

Cellular Localization: Cytoplasm , Peroxisome membrane, Lipid-anchor, Cytoplasmic side

Molecular Weight: 33 kDa

Gene ID: 5824

UniProt: [P40855](#)

Application Details

Application Notes: WB: 1:500-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse liver , PC-12 , Rat-2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.01 mg/mL

Buffer: 1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

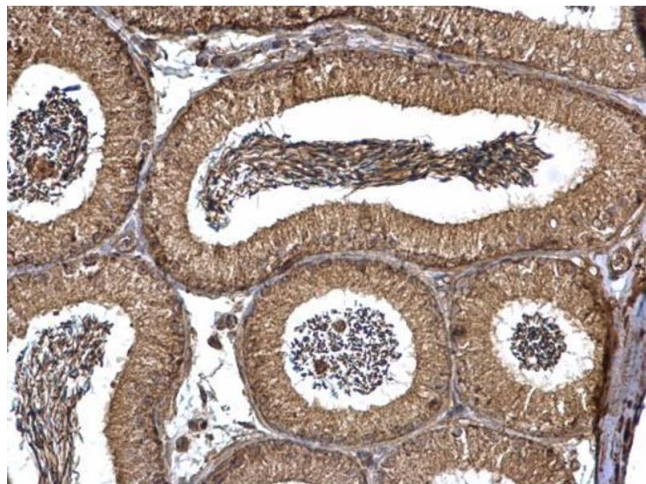
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

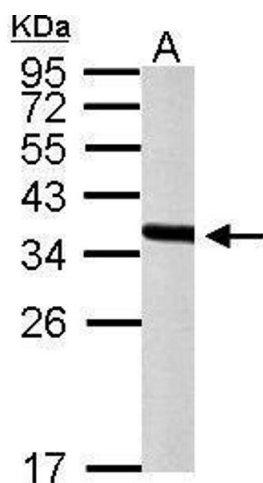
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



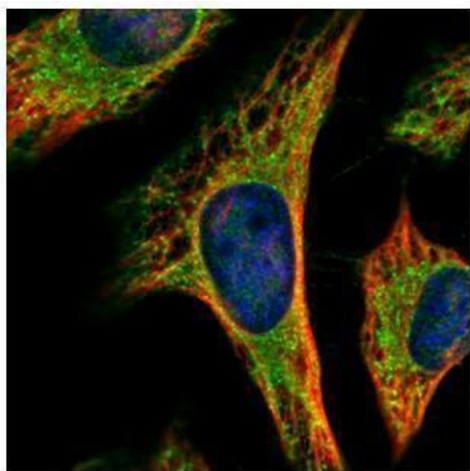
Immunohistochemistry

Image 1. IHC-P Image PEX19 antibody detects PEX19 protein at cytosol on mouse testis by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. PEX19 antibody, dilution: 1:500.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 12% SDS PAGE antibody diluted at 1:10000



Immunofluorescence

Image 3. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using PEX19, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856772.