



PRODUCT DATA SHEET

Bioworld Technology, Inc.

PEX1 polyclonal antibody

Catalog: BS31393

Host: Rabbit

Reactivity: Human

BackGround:

Peroxisomal ATPase PEX1: Component of the PEX1-PEX6 AAA ATPase complex, a protein dislocase complex that mediates the ATP-dependent extraction of the PEX5 receptor from peroxisomal membranes, an essential step for PEX5 recycling. Specifically recognizes PEX5 monoubiquitinated at 'Cys-11', and pulls it out of the peroxisome lumen through the PEX2-PEX10-PEX12 retrotranslocation channel. Extraction by the PEX1-PEX6 AAA ATPase complex is accompanied by unfolding of the TPR repeats and release of bound cargo from PEX5.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~143 kDa

Swiss-Prot:

O43933

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

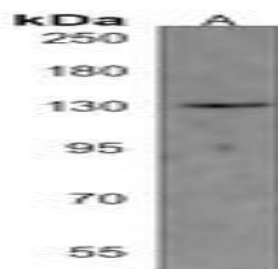
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PEX1 protein.

DATA:



Western blot analysis of EML1 expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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