

Datasheet for ABIN7043433

**anti-Peroxisomal Biogenesis Factor 5-Like (PEX5L) (AA 151-165), (Intracellular) antibody**[Go to Product page](#)**2** Images

## Overview

Quantity:	25 µL
Target:	Peroxisomal Biogenesis Factor 5-Like (PEX5L)
Binding Specificity:	AA 151-165, Intracellular
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EKWDDVKFHGDRTSK, corresponding to amino acid residues 151-165 of rat PEX5-related protein
Isotype:	IgG
Characteristics:	Anti-PEX5L (TRIP8b) Antibody is directed against an epitope of the rat PEX5-related protein. Anti-PEX5L (TRIP8b) Antibody (ABIN7043433, ABIN7045126 and ABIN7045127)) can be used in western blot and immunohistochemistry applications. It has been designed to recognize PEX5Rp from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

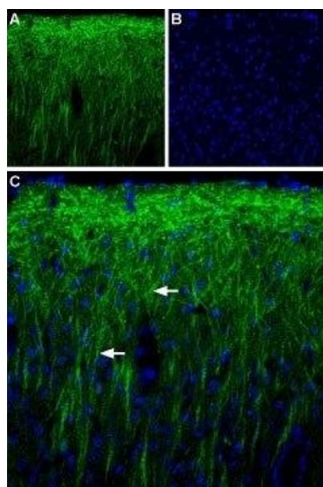
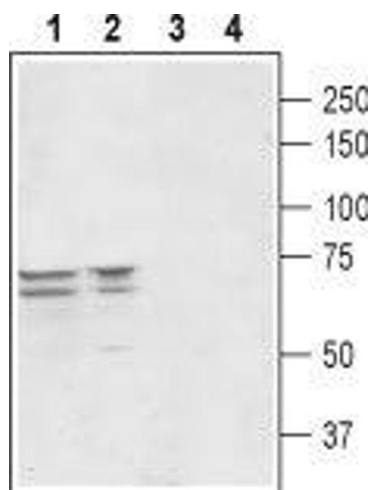
Target:	Peroxisomal Biogenesis Factor 5-Like (PEX5L)
Alternative Name:	PEX5L (TRIP8b) ( <a href="#">PEX5L Products</a> )
Background:	Alternative names: PEX5L (TRIP8b), PEX5R, PEX5Rp, PEX5-related protein, PEX5-like protein, Peroxin-5-related protein, PEX2-related protein, PXR2, Peroxisome biogenesis factor 5-like, TPR-containing Rab8b-interacting protein
Gene ID:	286937
NCBI Accession:	<a href="#">NM_016559</a>
UniProt:	<a href="#">Q925N3</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



### Western Blotting

**Image 1.** Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-PEX5L (TRIP8b) Antibody (ABIN7043433, ABIN7045126 and ABIN7045127), (1:400). 3,4. Anti-PEX5L (TRIP8b) Antibody, preincubated with PEX5L/TRIP8b Blocking Peptide (#BLP-PR070).

### Immunohistochemistry

**Image 2.** Expression of PEX5-related protein in rat brain - Immunohistochemical staining of rat parietal cortex using Anti-PEX5L (TRIP8b) Antibody (ABIN7043433, ABIN7045126 and ABIN7045127), (1:300). A. PEX5Rp (green) is labeled in dendritic and axonal profiles (arrows). B. Nuclear staining using DAPI as the counterstain. C. Merged image of A and B.