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anti-PEX14 antibody (AA 121-150)





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Overview	
Quantity:	400 μL
Target:	PEX14
Binding Specificity:	AA 121-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX14 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This PEX14 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 121-150 amino acids from the Central region of human PEX14.
Clone:	RB31100
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PEX14
Alternative Name:	PEX14 (PEX14 Products)
Background:	This gene encodes an essential component of the peroxisomal import machinery. The protein

Target Details

is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome.

Molecular Weight: 41237

Gene ID: 5195

NCBI Accession: NP_004556

UniProt: 075381

Pathways: Maintenance of Protein Location

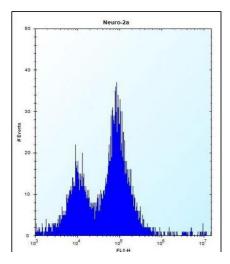
Application Details

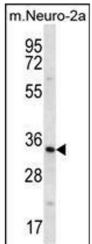
Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	PEX14 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months





Flow Cytometry

Image 1. PEX14 Antibody (Center) (ABIN656491 and ABIN2845768) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. PEX14 Antibody (Center) (ABIN656491 and ABIN2845768) western blot analysis in mouse Neuro-2a cell line lysates ($35 \,\mu g$ /lane). This demonstrates the PEX14 antibody detected the PEX14 protein (arrow).