

Peroxin 14 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07072
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PEX14. AA range:117-166
Mol wt	41237
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Peroxin 14 Antibody
Synonyms	PEX14; Peroxisomal membrane protein PEX14; PTS1 receptor-docking protein; Peroxin-14; Peroxisomal membrane anchor protein PEX14

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PEX14 encodes an essential component of the peroxisomal import machinery. Peroxisomal biogenesis factor 14 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. Peroxisomal biogenesis factor 14 also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in PEX14 results in one form of Zellweger syndrome.

Recommended Dilution

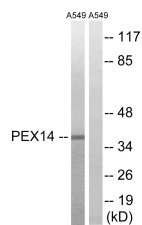
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

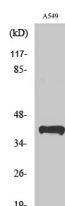
ELISA: 1: 20000

Not yet tested in other applications.

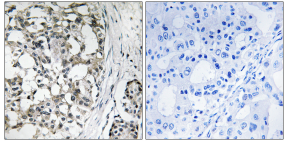
Images



Western blot analysis of lysates from A549 cells, using PEX14 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Peroxin 14 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PEX14 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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