



# Peroxin 14 rabbit pAb

Cat No.:ES3178

For research use only

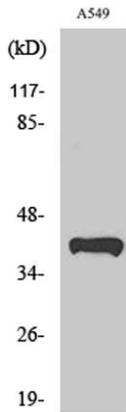
## Overview

<b>Product Name</b>	Peroxin 14 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PEX14. AA range:117-166
<b>Specificity</b>	Peroxin 14 Polyclonal Antibody detects endogenous levels of Peroxin 14 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Peroxisomal membrane protein PEX14
<b>Gene Name</b>	PEX14
<b>Cellular localization</b>	Peroxisome membrane ; Peripheral membrane protein ; Cytoplasmic side .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	38kD
<b>Human Gene ID</b>	5195
<b>Human Swiss-Prot Number</b>	O75381
<b>Alternative Names</b>	PEX14; Peroxisomal membrane protein PEX14; PTS1 receptor-docking protein; Peroxin-14; Peroxisomal membrane anchor protein PEX14
<b>Background</b>	peroxisomal biogenesis factor 14(PEX14) Homo sapiens This gene encodes an essential component of the peroxisomal import machinery.



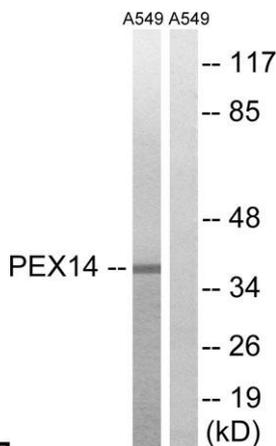
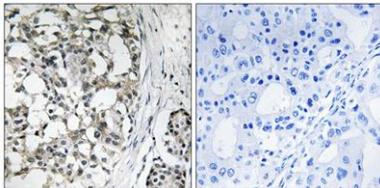


The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome. [provided by RefSeq, Jul 2008],



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.



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





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