

Product datasheet for **AP53260PU-N**

PEX14 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 120-150 amino acids from the Central region of Human Peroxin 14 / PEX14
Specificity:	This antibody recognizes Human and Mouse Peroxin 14 / PEX14 (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxisomal biogenesis factor 14
Database Link:	Entrez Gene 56273 Mouse Entrez Gene 5195 Human O75381



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Background:

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.

Synonyms:

Peroxin-14

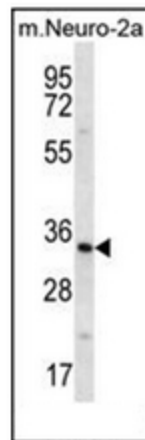
Note:

Molecular Weight: 41237 Da

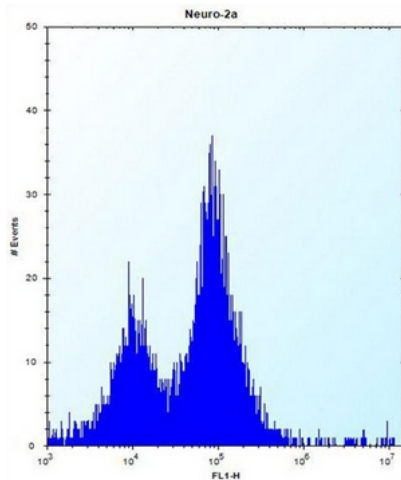
Protein Families:

Druggable Genome

Product images:



Western blot analysis of Peroxin 14 / PEX14 Antibody (Center) in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the PEX14 antibody detected the PEX14 protein (arrow).



Flow cytometric analysis of Neuro-2a cells using Peroxin 14 / PEX14 Antibody (Center) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.