

Product datasheet for **AP53261PU-N**

PEX14 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 348~377 amino acids from the C-terminal region of Human PEX14
Specificity:	This antibody recognizes Human Peroxin 14 / PEX14 (C-term).
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 5195 Human O75381



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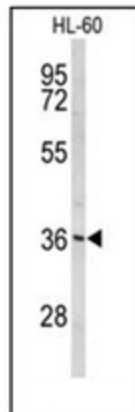
Background: PEX14 belongs to the peroxin 14 family. It is a component of the peroxisomal translocation machinery with PEX13 and PEX17 and interacts with both the PTS1 and PTS2 receptors. PEX14 binds directly to PEX17. Defects in PEX14 are the cause of peroxisome biogenesis disorder complementation group K (PBD-CGK) [MIM:601791] and Zellweger syndrome (ZWS) [MIM:214100].

Synonyms: Peroxin-14

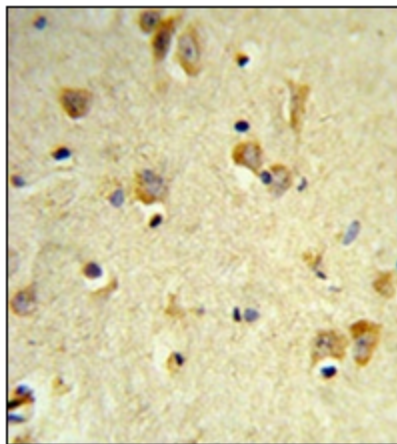
Note: **Molecular Weight:** 36701 Da Isoform Da

Protein Families: Druggable Genome

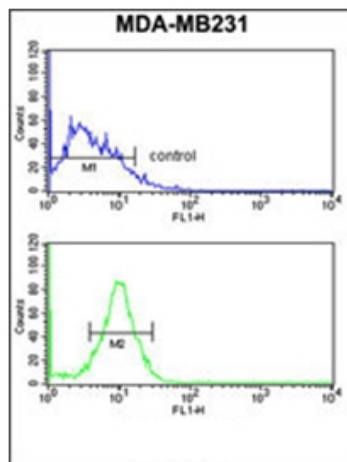
Product images:



Western blot analysis of Peroxin 14 / PEX14 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). PEX14 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with Peroxin 14 / PEX14 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry. Clinical relevance has not been evaluated.



Flow cytometry analysis of MDA-MB231 cells using Peroxin 14 / PEX14 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.