

Product datasheet for **AP53258PU-N**

PEX1 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 606-637 amino acids from the Central region of Human Peroxin 1 / PEX1
Specificity:	This antibody recognizes Human Peroxin 1 / PEX1 (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 1
Database Link:	Entrez Gene 5189 Human O43933



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Background:

This gene encodes a member of the AAA ATPase family, a large group of ATPases associated with diverse cellular activities. This protein is cytoplasmic but is often anchored to a peroxisomal membrane where it forms a heteromeric complex and plays a role in the import of proteins into peroxisomes and peroxisome biogenesis. Mutations in this gene have been associated with complementation group 1 peroxisomal disorders such as neonatal adrenoleukodystrophy, infantile Refsum disease, and Zellweger syndrome.

Synonyms:

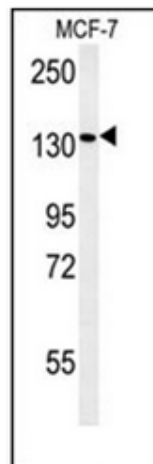
Peroxin-1

Note:

Molecular Weight: 142867 Da

Protein Families:

Druggable Genome

Product images:

Western blot analysis of Peroxin 1 / PEX1 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). This demonstrates the PEX1 antibody detected the PEX1 protein (arrow).