

## Product datasheet for **AP53262PU-N**

### PEX16 (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 254~283 amino acids from the Center region of human PEX16
Specificity:	This antibody recognizes Human Peroxin 16 / PEX16 (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 16
Database Link:	<a href="#">Entrez Gene 9409 Human Q9Y5Y5</a>
Background:	PEX16 is required for peroxisome membrane biogenesis. It may play a role in early stages of peroxisome assembly and can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). It may function as receptor for PEX3

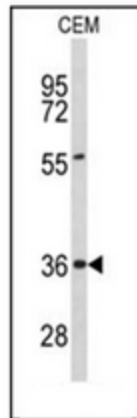


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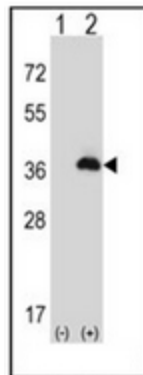
**Synonyms:** Peroxin-16

**Note:** **Molecular Weight:** 38643 Da

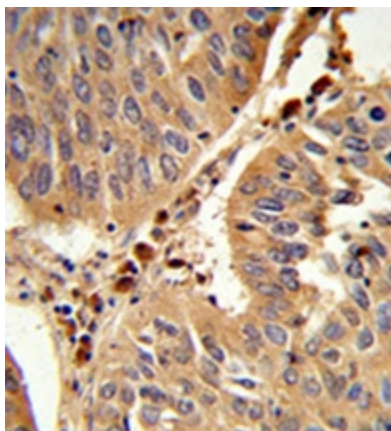
**Product images:**



Western blot analysis of Peroxin 16 / PEX16 Antibody (Center) in CEM cell line lysates (35ug/lane). PEX16 (arrow) was detected using the purified Pab.



Western blot analysis of PEX16 (arrow) using Peroxin 16 / PEX16 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PEX16 gene.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with Peroxin 16 / PEX16 Antibody (Center), 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.