

## Product datasheet for **AP53259PU-N**

### PEX12 (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 137~167 amino acids from the Central region of human PEX12
Specificity:	This antibody recognizes Human and Mouse Peroxin 12 / PEX12 (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 12
Database Link:	<a href="#">Entrez Gene 5193 Human</a> <a href="#">O00623</a>



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**Background:**

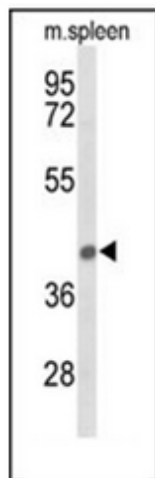
Peroxis (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle.

**Synonyms:**

Peroxin-12, PAF3, PAF-3

**Note:**

**Molecular Weight:** 40797 Da

**Product images:**

Western blot analysis of Peroxin 12 / PEX12 Antibody (Center) in mouse spleen tissue lysates (35ug/lane). PEX12 (arrow) was detected using the purified Pab.