

Datasheet for ABIN954095

## anti-PEX12 antibody (Middle Region)



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### 1 Image

#### Overview

Quantity:	0.4 mL
Target:	PEX12
Binding Specificity:	AA 137-167, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX12 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide between 137~167 amino acids from the Central region of human PEX12
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse Peroxin 12 / PEX12 (Center).
Purification:	Protein A column, followed by peptide affinity purification

#### Target Details

Target:	PEX12
Alternative Name:	Peroxin 12 / PEX12 ( <a href="#">PEX12 Products</a> )
Background:	Peroxis (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The

## Target Details

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: PAF-3, PAF3, Peroxin-12, Peroxisome assembly factor 3, Peroxisome assembly protein 12

Molecular Weight: 40797 Da

Gene ID: 5193

NCBI Accession: [NP\\_000277](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

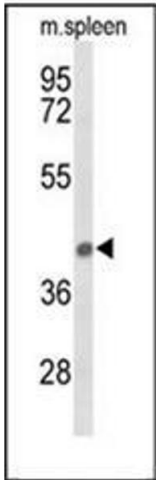
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of Peroxin 12 / PEX12 Antibody (Center) in mouse spleen tissue lysates (35ug/lane). PEX12 (arrow) was detected using the purified Pab.