

Datasheet for ABIN653557  
**anti-PEX12 antibody (AA 131-158)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	PEX12
Binding Specificity:	AA 131-158
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX12 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PEX12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-158 amino acids from the Central region of human PEX12.
Clone:	RB22647
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PEX12
Alternative Name:	PEX12 ( <a href="#">PEX12 Products</a> )

## Target Details

**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.

**Molecular Weight:** 40797

**Gene ID:** 5193

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

**UniProt:** [O00623](#)

## Application Details

**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

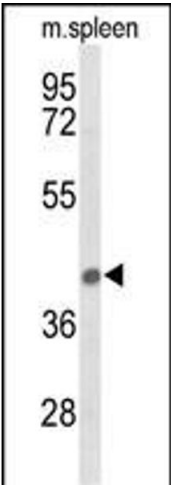
**Preservative:** Sodium azide

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

**Storage:** 4 °C,-20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



Western Blotting

**Image 1.** Western blot analysis of PEX12 Antibody (Center) (ABIN653557 and ABIN2842936) in mouse spleen tissue lysates (35 µg/lane). PEX12 (arrow) was detected using the purified Pab.