

Datasheet for ABIN7269246  
**anti-PEX12 antibody (AA 290-359)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PEX12
Binding Specificity:	AA 290-359
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX12 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	PEX12 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 290-359 of human PEX12 (NP_000277.1).
Sequence:	YNSDSPLLPK MKTVCP LCRK TRVNDTVLAT SGYVFCYRCV FHYVRSHQAC PITGYPTVQ HLIKLYSPEN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

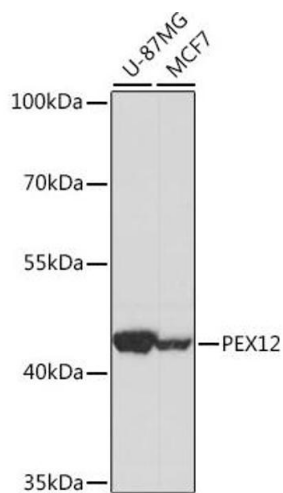
Target:	PEX12
Alternative Name:	PEX12 ( <a href="#">PEX12 Products</a> )
Background:	<p>This gene belongs to the peroxin-12 family. Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous 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. Defects in this gene are a cause of Zellweger syndrome (ZWS), PEX12, PAF-3, PBD3A, Signal Transduction, PEX12</p>
Molecular Weight:	40kDa
Gene ID:	5193
UniProt:	<a href="#">O00623</a>

## Application Details

Application Notes:	WB, 1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PEX12 antibody (ABIN7269246) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.