A16062

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PEX12 Rabbit pAb

Catalog No.: A16062

Basic Information

Observed MW
41kDa

Calculated MW
41kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

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).

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
5193

Swiss Prot
O00623

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 290-359 of human PEX12 (NP_000277.1).

Synonyms
PAF-3; PBD3A; PEX12

Contact

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Product Information

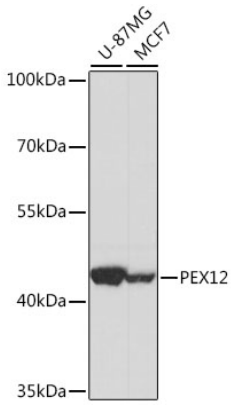
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using PEX12 Rabbit pAb (A16062) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.

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