

Pex12 Antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # Al12189

Specification

Pex12 Antibody - C-terminal region - Product Information

Application WB
Primary Accession 088177

Other Accession NM 053921, NP 446373

Reactivity Human, Mouse, Rat, Rabbit, Pig, Horse,

Bovine, Guinea Pig, Dog

Predicted Human, Mouse, Rat, Rabbit, Pig, Horse,

Bovine, Guinea Pig, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 39kDa KDa

Pex12 Antibody - C-terminal region - Additional Information

Gene ID 116718

Other Names

Peroxisome assembly protein 12, Peroxin-12, Peroxisome assembly factor 3, PAF-3, Pex12, Paf3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Pex12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Pex12 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Pex12 Antibody - C-terminal region - Protein Information

Name Pex12

Synonyms Paf3

Function

Component of a retrotranslocation channel required for peroxisome organization by mediating export of the PEX5 receptor from peroxisomes to the cytosol, thereby promoting PEX5 recycling (By similarity). The retrotranslocation channel is composed of PEX2, PEX10 and PEX12; each subunit contributing transmembrane segments that coassemble into an open channel that specifically allows the passage of PEX5 through the peroxisomal membrane (By similarity). PEX12 also regulates PEX5 recycling by activating the E3 ubiquitin-protein ligase activity of PEX10 (By



similarity). When PEX5 recycling is compromised, PEX12 stimulates PEX10-mediated polyubiquitination of PEX5, leading to its subsequent degradation (By similarity).

Cellular Location

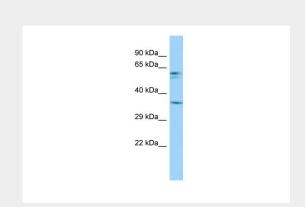
Peroxisome membrane; Multi-pass membrane protein

Pex12 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Pex12 Antibody - C-terminal region - Images



Host: Rabbit

Target Name: Pex12

Sample Tissue: Rat Small Intestine lysates

Antibody Dilution: 1.0µg/ml