

**PEX26 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3230a****Specification**

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**PEX26 Antibody (internal region) - Product Information**

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|-------------------|-----------------------------------------------------|
| Application       | WB                                                  |
| Primary Accession | <a href="#">O7Z412</a>                              |
| Other Accession   | <a href="#">NP_060399.1</a> , <a href="#">55670</a> |
| Reactivity        | Human                                               |
| Host              | Goat                                                |
| Clonality         | Polyclonal                                          |
| Concentration     | 0.5 mg/ml                                           |
| Isotype           | IgG                                                 |
| Calculated MW     | 33898                                               |

**PEX26 Antibody (internal region) - Additional Information****Gene ID** 55670**Other Names**

Peroxisome assembly protein 26, Peroxin-26, PEX26

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

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.

**Precautions**

PEX26 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**PEX26 Antibody (internal region) - Protein Information****Name** PEX26 {ECO:0000303|PubMed:12717447, ECO:0000312|HGNC:HGNC:22965}**Function**

Peroxisomal docking factor that anchors PEX1 and PEX6 to peroxisome membranes (PubMed:<a href="http://www.uniprot.org/citations/12717447" target="\_blank">12717447</a>, PubMed:<a href="http://www.uniprot.org/citations/12851857" target="\_blank">12851857</a>, PubMed:<a href="http://www.uniprot.org/citations/16854980" target="\_blank">16854980</a>, PubMed:<a href="http://www.uniprot.org/citations/21362118" target="\_blank">21362118</a>, PubMed:<a href="http://www.uniprot.org/citations/16763195" target="\_blank">16763195</a>, PubMed:<a href="http://www.uniprot.org/citations/16257970" target="\_blank">16257970</a>). PEX26 is therefore required for the formation of the PEX1-PEX6 AAA ATPase complex, a complex that

mediates the extraction of the PEX5 receptor from peroxisomal membrane (PubMed:<a href="http://www.uniprot.org/citations/12717447" target="\_blank">12717447</a>, PubMed:<a href="http://www.uniprot.org/citations/12851857" target="\_blank">12851857</a>, PubMed:<a href="http://www.uniprot.org/citations/16854980" target="\_blank">16854980</a>, PubMed:<a href="http://www.uniprot.org/citations/21362118" target="\_blank">21362118</a>, PubMed:<a href="http://www.uniprot.org/citations/16763195" target="\_blank">16763195</a>, PubMed:<a href="http://www.uniprot.org/citations/16257970" target="\_blank">16257970</a>).

### Cellular Location

Peroxisome membrane; Single-pass type II membrane protein

### Tissue Location

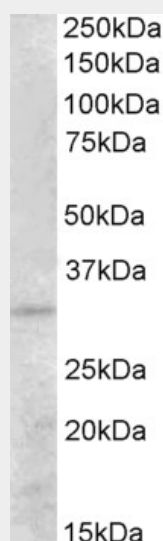
Widely expressed (PubMed:12851857). Highly expressed in kidney, liver, brain and skeletal muscles (PubMed:12851857). Expressed at intermediate level in pancreas, placenta and heart (PubMed:12851857). Weakly expressed in lung (PubMed:12851857).

## PEX26 Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PEX26 Antibody (internal region) - Images



AF3230a (0.5 µg/ml) staining of Human Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## PEX26 Antibody (internal region) - Background

Reported variants represent identical protein: NP\_060399.1, NP\_001121121.1

**PEX26 Antibody (internal region) - References**

Identification of novel mutations and sequence variation in the Zellweger syndrome spectrum of peroxisome biogenesis disorders. Yik WY, Steinberg SJ, Moser AB, Moser HW, Hacia JG, Human mutation 2009 Mar 30 (3): E467-80. PMID: 19105186