

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

PEX26 Antibody (internal region) - Product Information

Application	WB
Primary Accession	O7Z412
Other Accession	NP_060399.1 , 55670
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:12717447, PubMed:12851857, PubMed:16854980, PubMed:21362118, PubMed:16763195, PubMed:16257970). 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:12717447, PubMed:12851857, PubMed:16854980, PubMed:21362118, PubMed:16763195, PubMed:16257970).

Cellular Location

Peroxisome membrane; Single-pass type II membrane protein

Tissue Location

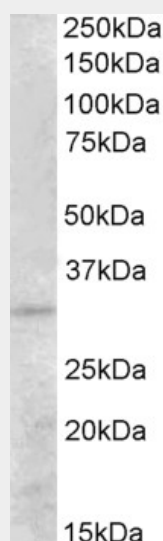
Widely expressed (PubMed:12851857). Highly expressed in kidney, liver, brain and skeletal muscles (PubMed:12851857). Expressed at intermediate level in pancreas, placenta and heart (PubMed:12851857). Weakly expressed in lung (PubMed:12851857).

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