

**PEX13 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2324a****Specification**

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**PEX13 Antibody (C-Term) - Product Information**

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|-------------------|----------------------------------------------------|
| Application       | IHC, E                                             |
| Primary Accession | <a href="#">O92968</a>                             |
| Other Accession   | <a href="#">NP_002609.1</a> , <a href="#">5194</a> |
| Reactivity        | Human                                              |
| Host              | Goat                                               |
| Clonality         | Polyclonal                                         |
| Concentration     | 0.5 mg/ml                                          |
| Isotype           | IgG                                                |
| Calculated MW     | 44130                                              |

**PEX13 Antibody (C-Term) - Additional Information****Gene ID** 5194**Other Names**

Peroxisomal membrane protein PEX13, Peroxin-13, PEX13

**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**

PEX13 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PEX13 Antibody (C-Term) - Protein Information****Name** PEX13 {ECO:0000303|PubMed:9653144, ECO:0000312|HGNC:HGNC:8855}**Function**

Component of the PEX13-PEX14 docking complex, a translocon channel that specifically mediates the import of peroxisomal cargo proteins bound to PEX5 receptor (PubMed:<a href="http://www.uniprot.org/citations/9653144" target="\_blank">9653144</a>, PubMed:<a href="http://www.uniprot.org/citations/8858165" target="\_blank">8858165</a>, PubMed:<a href="http://www.uniprot.org/citations/28765278" target="\_blank">28765278</a>). The PEX13-PEX14 docking complex forms a large import pore which can be opened to a diameter of about 9 nm (By similarity). Mechanistically, PEX5 receptor along with cargo proteins associates with the PEX14 subunit of the PEX13-PEX14 docking complex in the cytosol, leading to the

insertion of the receptor into the organelle membrane with the concomitant translocation of the cargo into the peroxisome matrix (PubMed:<a href="http://www.uniprot.org/citations/9653144" target="\_blank">9653144</a>, PubMed:<a href="http://www.uniprot.org/citations/8858165" target="\_blank">8858165</a>, PubMed:<a href="http://www.uniprot.org/citations/28765278" target="\_blank">28765278</a>). Involved in the import of PTS1- and PTS2-type containing proteins (PubMed:<a href="http://www.uniprot.org/citations/9653144" target="\_blank">9653144</a>, PubMed:<a href="http://www.uniprot.org/citations/8858165" target="\_blank">8858165</a>).

**Cellular Location**

Peroxisome membrane; Multi-pass membrane protein

**PEX13 Antibody (C-Term) - 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](#)

**PEX13 Antibody (C-Term) - Images****PEX13 Antibody (C-Term) - References**

Pex13p is an SH3 protein of the peroxisome membrane and a docking factor for the predominantly cytoplasmic PTs1 receptor. Gould SJ, Kalish JE, Morrell JC, Bjorkman J, Urquhart AJ, Crane DI. J Cell Biol. 1996 Oct;135(1):85-95. PMID: 8858165