

**PEX16 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9151c****Specification**

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**PEX16 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9Y5Y5](#)**PEX16 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9409**Other Names**

Peroxisomal membrane protein PEX16, Peroxin-16, Peroxisomal biogenesis factor 16, PEX16

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9151c](/products/AP9151c) was selected from the Center region of human PEX16. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PEX16 Antibody (Center) Blocking Peptide - Protein Information****Name** PEX16**Function**

Required for peroxisome membrane biogenesis. May play a role in early stages of peroxisome assembly. Can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). May function as receptor for PEX3.

**Cellular Location**

Peroxisome membrane; Multi-pass membrane protein

**PEX16 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **PEX16 Antibody (Center) Blocking Peptide - Images**

#### **PEX16 Antibody (Center) Blocking Peptide - Background**

PEX16 is required for peroxisome membrane biogenesis. It may play a role in early stages of peroxisome assembly and can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). It may function as receptor for PEX3.

#### **PEX16 Antibody (Center) Blocking Peptide - References**

Kim P.K., et.al., J. Cell Biol. 173:521-532(2006).