

**SEC61G Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5846c****Specification**

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**SEC61G Antibody (Center) Blocking peptide - Product Information**

Primary Accession [P60059](#)  
Other Accession [NP\\_001012474.1](#), [NP\\_055117.1](#)

**SEC61G Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 23480

**Other Names**

Protein transport protein Sec61 subunit gamma, SEC61G

**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.

**SEC61G Antibody (Center) Blocking peptide - Protein Information**

**Name** SEC61G

**Function**

Component of SEC61 channel-forming translocon complex that mediates transport of signal peptide-containing precursor polypeptides across the endoplasmic reticulum (ER) (By similarity). Forms a ribosome receptor and a gated pore in the ER membrane, both functions required for cotranslational translocation of nascent polypeptides (By similarity). The SEC61 channel is also involved in ER membrane insertion of transmembrane proteins: it mediates membrane insertion of the first few transmembrane segments of proteins, while insertion of subsequent transmembrane regions of multi-pass membrane proteins is mediated by the multi-pass translocon (MPT) complex (PubMed: [32820719](http://www.uniprot.org/citations/32820719), PubMed: [36261522](http://www.uniprot.org/citations/36261522)). The SEC61 channel cooperates with the translocating protein TRAM1 to import nascent proteins into the ER (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein

**SEC61G Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SEC61G Antibody (Center) Blocking peptide - Images**