

**SLFN12 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17783c****Specification**

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**SLFN12 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8IYM2](#)**SLFN12 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 55106**Other Names**

Schlafen family member 12, SLFN12

**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.

**SLFN12 Antibody (Center) Blocking Peptide - Protein Information****Name** SLFN12 ([HGNC:25500](#))**Function**

Ribonuclease which is part of an E2/17beta-estradiol-induced pro-apoptotic signaling pathway. E2 stabilizes the PDE3A/SLFN12 complex in the cytosol, promoting the dephosphorylation of SLFN12 and activating its pro-apoptotic ribosomal RNA/rRNA ribonuclease activity. This apoptotic pathway might be relevant in tissues with high concentration of E2 and be for instance involved in placenta remodeling (PubMed:<a href="http://www.uniprot.org/citations/31420216" target="\_blank">31420216</a>, PubMed:<a href="http://www.uniprot.org/citations/35104454" target="\_blank">35104454</a>, PubMed:<a href="http://www.uniprot.org/citations/34272366" target="\_blank">34272366</a>, PubMed:<a href="http://www.uniprot.org/citations/34707099" target="\_blank">34707099</a>). May play a role in cell differentiation (PubMed:<a href="http://www.uniprot.org/citations/30045019" target="\_blank">30045019</a>).

**Cellular Location**

Nucleus. Cytoplasm, cytosol

**SLFN12 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SLFN12 Antibody (Center) Blocking Peptide - Images**

**SLFN12 Antibody (Center) Blocking Peptide - Background**

Belongs to the Schlafen family.

**SLFN12 Antibody (Center) Blocking Peptide - References**

Schwarz, D.A., et al. Immunity 9(5):657-668(1998)