

**YJEFN3 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5299a****Specification**

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**YJEFN3 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [A6XGL0](#)  
Other Accession [NP\\_940939.2](#)

**YJEFN3 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 374887

**Other Names**

YjeF N-terminal domain-containing protein 3, YjeF\_N3, hYjeF\_N3, YJEFN3

**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.

**YJEFN3 Antibody (N-term) Blocking peptide - Protein Information**

**Name** YJEFN3

**Synonyms** AIBP2 {ECO:0000250|UniProtKB:Q1LVI2}

**Function**

May accelerate cholesterol efflux from endothelial cells to high-density lipoprotein (HDL) and thereby regulates angiogenesis. May orchestrate hematopoietic stem and progenitor cell emergence from the hemogenic endothelium, a type of specialized endothelium manifesting hematopoietic potential. YJEFN3-mediated cholesterol efflux activates endothelial SREBF2, the master transcription factor for cholesterol biosynthesis, which in turn transactivates NOTCH and promotes hematopoietic stem and progenitor cell emergence (By similarity). May play a role in spermiogenesis and oogenesis (PubMed:<a href="http://www.uniprot.org/citations/17533573" target="\_blank">17533573</a>).

**Tissue Location**

Expressed in theca cells in ovary and in Leydig cells in testis (at protein level). Also expressed in brain and mammary gland.

**YJEFN3 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**YJEFN3 Antibody (N-term) Blocking peptide - Images****YJEFN3 Antibody (N-term) Blocking peptide - Background**

This protein may play a role in spermiogenesis and oogenesis.

**YJEFN3 Antibody (N-term) Blocking peptide - References**

Rudolph, C., et al. Horm. Metab. Res. 39(5):322-335(2007)Grimwood, J., et al. Nature 428(6982):529-535(2004)