

**TMEM194A Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13672b****Specification**

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**TMEM194A Antibody (C-term) Blocking peptide - Product Information**Primary Accession [O14524](#)**TMEM194A Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 23306**Other Names**

Transmembrane protein 194A, TMEM194A, KIAA0286, TMEM194

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13672b was selected from the C-term region of TMEM194A. 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.

**TMEM194A Antibody (C-term) Blocking peptide - Protein Information****Name** NEMP1**Synonyms** KIAA0286, TMEM194, TMEM194A**Function**

Together with EMD, contributes to nuclear envelope stiffness in germ cells (PubMed:<a href="http://www.uniprot.org/citations/32923640" target="\_blank">32923640</a>). Required for female fertility (By similarity). Essential for normal erythropoiesis (By similarity). Required for efficient nuclear envelope opening and enucleation during the late stages of erythroblast maturation (By similarity).

**Cellular Location**

Nucleus inner membrane {ECO:0000250|UniProtKB:Q6ZQE4}; Multi-pass membrane protein; Nucleoplasmic side {ECO:0000250|UniProtKB:B9X187} Nucleus envelope {ECO:0000250|UniProtKB:Q6ZQE4}. Note=Colocalizes with lamins and RAN-GTP at the nuclear envelope {ECO:0000250|UniProtKB:Q6ZQE4}

**TMEM194A Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TMEM194A Antibody (C-term) Blocking peptide - Images****TMEM194A Antibody (C-term) Blocking peptide - Background**

The function of this protein remains unknown.

**TMEM194A Antibody (C-term) Blocking peptide - References**

Ohara, O., et al. DNA Res. 4(1):53-59(1997)