

**TMEM194A Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15986****Specification**

---

**TMEM194A Antibody - N-terminal region - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O14524</a> |
| Reactivity        | Human                  |
| Predicted         | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 50kDa KDa              |

**TMEM194A Antibody - N-terminal region - Additional Information****Gene ID** 23306**Other Names**

Transmembrane protein 194A, TMEM194A, KIAA0286, TMEM194

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 µl of distilled water. Final Anti-TMEM194A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TMEM194A Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**TMEM194A Antibody - N-terminal region - Protein Information****Name** NEMP1**Synonyms** KIAA0286, TMEM194, TMEM194A**Function**

Together with EMD, contributes to nuclear envelope stiffness in germ cells (PubMed:&lt;a href="http://www.uniprot.org/citations/32923640" target="\_blank"&gt;32923640&lt;/a&gt;). 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;

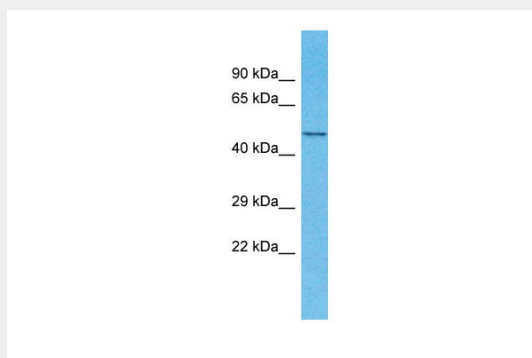
Nucleoplasmic side {ECO:0000250|UniProtKB:B9X187} Nucleus envelope {ECO:0000250|UniProtKB:Q6ZQE4}. Note=Colocalizes with lamins and RAN-GTP at the nuclear envelope {ECO:0000250|UniProtKB:Q6ZQE4}

### **TMEM194A Antibody - N-terminal region - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **TMEM194A Antibody - N-terminal region - Images**



Host: Rabbit  
Target Name: TMEM194A  
Sample Tissue: Fetal Kidney lysates  
Antibody Dilution: 1.0µg/ml

### **TMEM194A Antibody - N-terminal region - References**

Ohara O., et al. DNA Res. 4:53-59(1997).  
Nakajima D., et al. DNA Res. 9:99-106(2002).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Daub H., et al. Mol. Cell 31:438-448(2008).