

TMEM194A Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15986

Product Information

Application	WB
Primary Accession	O14524
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50640

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 μ l 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.

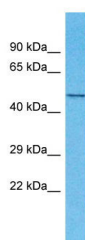
Protein Information

Name	NEMP1
Synonyms	KIAA0286, TMEM194, TMEM194A
Function	Together with EMD, contributes to nuclear envelope stiffness in germ cells (PubMed: 32923640). 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}

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.