

TMEM135 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13075**Specification**

TMEM135 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	Q86UB9
Other Accession	NM_022918 , NP_075069
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rabbit, Pig, Chicken, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa kDa

TMEM135 antibody - N-terminal region - Additional Information**Gene ID** 65084**Alias Symbol** **DKFZp686I1974, FLJ22104, PMP52****Other Names**

Transmembrane protein 135, Peroxisomal membrane protein 52, PMP52, TMEM135

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TMEM135 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

TMEM135 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM135 antibody - N-terminal region - Protein Information**Name** TMEM135 ([HGNC:26167](#))**Function**

Involved in mitochondrial metabolism by regulating the balance between mitochondrial fusion and fission. May act as a regulator of mitochondrial fission that promotes DNM1L-dependent fission through activation of DNM1L. May be involved in peroxisome organization.

Cellular Location

Mitochondrion membrane {ECO:0000250|UniProtKB:Q9CYV5}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9CYV5}. Peroxisome membrane {ECO:0000250|UniProtKB:Q9CYV5};

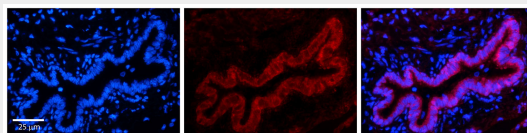
Multi-pass membrane protein

TMEM135 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](#)

TMEM135 antibody - N-terminal region - Images



TMEM135 antibody - N-terminal region (AI13075)

Catalog Number: AI13075

Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue Observed Staining: Membrane of bronchial epithelial tissue

Primary Antibody

Concentration: 1:100

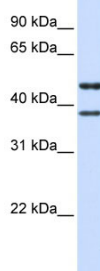
Secondary Antibody: Donkey anti-Rabbit-Cy3

Secondary Antibody

Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 - 2.0 sec



WB Suggested Anti-TMEM135 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human brain

TMEM135 antibody - N-terminal region - References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Taylor T.D.,et al.Nature 440:497-500(2006).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

