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TMEM146 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13814

Specification

TMEM146 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q86XM0
Other Accession	NM_152784, NP_689997
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**90kDa KDa**

TMEM146 antibody - N-terminal region - Additional Information

Gene ID 257062

Alias Symbol	**MGC39581, TMEM146**

Other Names
Cation channel sperm-associated protein subunit delta, CatSper-delta, CatSperdelta, Transmembrane protein 146, CATSPERD, TMEM146

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-TMEM146 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
TMEM146 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM146 antibody - N-terminal region - Protein Information

Name CATSPERD (HGNC:28598)

Synonyms TMEM146

Function
Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for CATSPER1 stability before intraflagellar transport and/or incorporation of the CatSper complex channel into the flagellar membrane.

Cellular Location

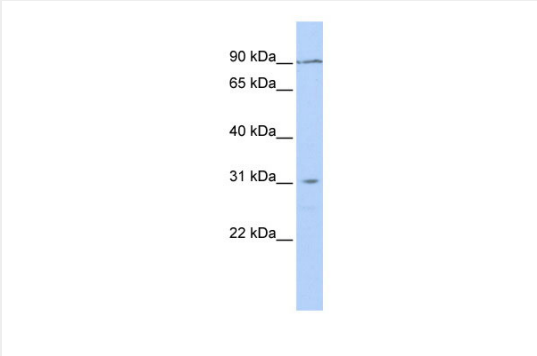
Cell projection, cilium, flagellum membrane {ECO:0000250|UniProtKB:E9Q9F6}; Single-pass type I membrane protein. Note=Specifically located in the principal piece of sperm tail. {ECO:0000250|UniProtKB:E9Q9F6}

TMEM146 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 Cytomety
- Cell Culture

TMEM146 antibody - N-terminal region - Images



WB Suggested Anti-TMEM146 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

TMEM146 antibody - N-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).