10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TMEM146 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13814

Product Information

Application	WB
Primary Accession	Q86XM0
Other Accession	NM_152784, NP_689997
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90468

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.

Protein Information

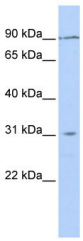
Name	CATSPERD (HGNC:28598)
Synonyms	TMEM146
Function	Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for CATSPER1 stability 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}

References

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

Images



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

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