

CatSper Delta Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58666

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q86XM0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90468

Additional Information

Gene ID	257062
Other Names	Cation channel sperm-associated protein subunit delta, CatSper-delta, CatSperdelta, Transmembrane protein 146, CATSPERD, TMEM146
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}

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