

### CatSper Delta Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58666

### **Specification**

## **CatSper Delta Polyclonal Antibody - Product Information**

Application WB, IHC-P, IHC-F, IF, ICC O86XM0
Host Rabbit
Clonality Polyclonal
Calculated MW 90468

### **CatSper Delta Polyclonal Antibody - Additional Information**

#### Gene ID 257062

#### **Other Names**

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

### **Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br \><span class
="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span>

#### Storage

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

# CatSper Delta Polyclonal Antibody - 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}



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# **CatSper Delta Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CatSper Delta Polyclonal Antibody - Images