

C8orfK29 Rabbit pAb

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Catalog # AP55936

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q2WQJ8
Predicted	Rat, Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27046
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C8orfK29
Epitope Specificity	101-200/235
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein (Potential).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	340393
Other Names	Cation channel sperm-associated auxiliary subunit theta, Cation channel sperm-associated auxiliary subunit TMEM249, Catsper channel auxiliary subunit theta {ECO:0000312 HGNC:HGNC:44155}, Transmembrane protein 249 {ECO:0000312 HGNC:HGNC:44155}, CATSPERQ (HGNC:44155)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	CATSPERQ (HGNC:44155)
Function	Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation.
Cellular Location	Cell projection, cilium, flagellum membrane

{ECO:0000250|UniProtKB:A0A2R8VHF7}; Multi-pass membrane protein
{ECO:0000250|UniProtKB:A0A2R8VHF7}. Note=Predominantly located in the
principal piece of the sperm tail. {ECO:0000250|UniProtKB:A0A2R8VHF7}

Background

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