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Product datasheet for TA338748

CATSPER2 Rabbit Polyclonal Antibody

Product data:

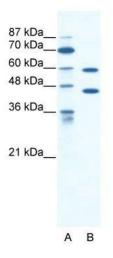
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CATSPER2 antibody: synthetic peptide directed towards the C terminal of human CATSPER2. Synthetic peptide located within the following region: LMEMDQDDRVWPRDSLFRYFELLEKLQYNLEERKKLQEFAVQALMNLEDK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	cation channel sperm associated 2
Database Link:	<u>NP_473361</u> <u>Entrez Gene 117155 Human</u> <u>Q96P56</u>



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	CATSPER2 Rabbit Polyclonal Antibody – TA338748
Background:	Calcium ions play a primary role in the regulation of sperm motility. This gene belongs to a family of putative cation channels that are specific to spermatozoa and localize to the flagellum. The protein family features a single repeat with six membrane-spanning segments and a predicted calcium-selective pore region. This gene is part of a tandem repeat on chromosome 15q15; the second copy of this gene is thought to be a pseudogene. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2014]
Synonyms:	MGC33346
Note:	Immunogen Sequence Homology: Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Horse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Rat: 86%; Yeast: 79%
Protein Families	: Druggable Genome, Ion Channels: Other, Transmembrane

Product images:



WB Suggested Anti-CATSPER2 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:312500; Positive Control: HepG2 cell lysate

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