

Product datasheet for **TA338748**

CATSPER2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
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: LMEMDQDDRWPDRSLFRYFELLEKLQYNLEERKKLQEFVQALMNLEDK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	NP_473361 Entrez Gene 117155 Human Q96P56



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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