

# CATSPER2 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10836

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q96P56</a>
<b>Other Accession</b>	<a href="#">NM_054020</a> , <a href="#">NP_473361</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Rabbit, Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	62041

## Additional Information

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<b>Gene ID</b>	117155
<b>Other Names</b>	Cation channel sperm-associated protein 2, CatSper2, CATSPER2
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-CATSPER2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	CATSPER2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CATSPER2
<b>Function</b>	Pore-forming subunit of the CatSper complex, a sperm-specific voltage-gated calcium channel, that plays a central role in calcium- dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.
<b>Cellular Location</b>	Cell projection, cilium, flagellum membrane {ECO:0000250 UniProtKB:A2ARP9}; Multi-pass membrane protein {ECO:0000250 UniProtKB:A2ARP9}
<b>Tissue Location</b>	Testis-specific.

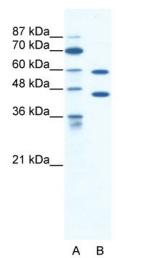
## References

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Quill,T.A., et al., (2001) Proc. Natl. Acad. Sci. U.S.A. 98 (22), 12527-12531 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images

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WB Suggested Anti-CATSPER2 Antibody Titration:  
1.25 $\mu$ g/ml  
ELISA Titer: 1:312500  
Positive Control: HepG2 cell lysate

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