

CATSPER2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10836**Specification**

CATSPER2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q96P56
Other Accession	NM_054020 , NP_473361
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog
Predicted Host	Human, Rabbit, Pig, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 58kDa KDa

CATSPER2 antibody - C-terminal region - Additional Information**Gene ID** 117155**Other Names**

Cation channel sperm-associated protein 2, CatSper2, CATSPER2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

CATSPER2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CATSPER2 antibody - C-terminal region - Protein Information**Name** CATSPER2**Function**

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.

Cellular Location

Cell projection, cilium, flagellum membrane {ECO:0000250|UniProtKB:A2ARP9}; Multi-pass membrane protein {ECO:0000250|UniProtKB:A2ARP9}

Tissue Location

Testis-specific.

CATSPER2 antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CATSPER2 antibody - C-terminal region - Images

WB Suggested Anti-CATSPER2 Antibody Titration: 1.25µg/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

CATSPER2 antibody - C-terminal region - References

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.