

Rabbit CATSPER2 Polyclonal Antibody | anti-CATSPER2 antibody

CATSPER2 antibody - N-terminal region

CATALOG # AAA197974	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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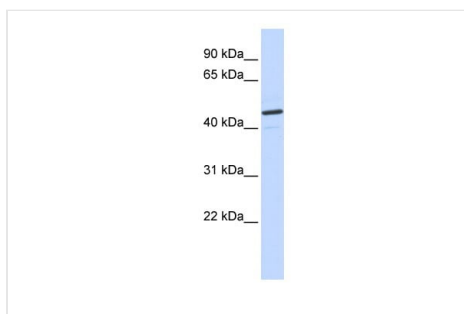
PRODUCT SYNONYMS

CATSPER2; Polyclonal Antibody; CATSPER2 antibody - N-terminal region; anti-CATSPER2 antibody

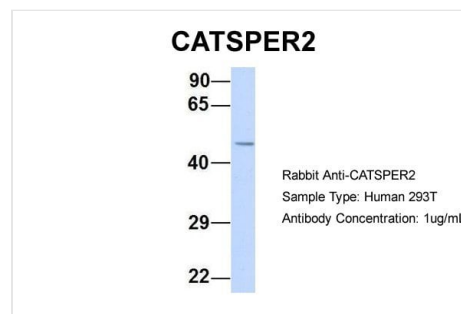
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HL QGLSQAVPRH TIRELLDPSR QKKLVLGDQH QLVRFSIKPQ RIEQISHA
Sequence Length	414
Applicable Applications for anti-CATSPER2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 92%; Horse: 93%; Human: 100%; Pig: 93%; Rabbit: 93%; Rat: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CATSPER2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CATSPER2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Placenta


WB (Western Blot)

Host: Rabbit
Target Name: CATSPER2
Sample Type: Human 293T
Antibody Dilution: 1.0 ug/ml
CATSPER2 is supported by BioGPS gene expression data to be expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-CATSPER2 antibody	This is a rabbit polyclonal antibody against CATSPER2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Calcium ions play a primary role in the regulation of sperm motility. Anti-CATSPER2 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. A second, closely linked copy of this gene has been identified. Although multiple transcript variants encoding protein isoforms have been characterized, they seem to be only transcribed from this gene. Additional splice variants have been described but their full-length nature has not been determined.
Product Categories/Family for anti-CATSPER2 antibody	Polyclonal; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051225
NCBI GeneID	117155
NCBI Accession #	NP_742094
NCBI GenBank Nucleotide #	NM_172096
UniProt Accession #	Q96P56
Molecular Weight	46kDa
NCBI Official Synonym Full Names	cation channel sperm associated 2
NCBI Official Symbol	CATSPER2
NCBI Protein Information	cation channel sperm-associated protein 2
UniProt Protein Name	Cation channel sperm-associated protein 2
UniProt Gene Name	CATSPER2
UniProt Synonym Gene Names	CatSper2
UniProt Entry Name	CTSR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/catsper2-antibody-western-blot-elisa/197974>