Datasheet for ABIN571417

anti-CATSPER1 antibody (AA 300-400)

Go to Product page

Overview

Quantity:	100 µL
Target:	CATSPER1
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 300-400 of human CATSPER1 conjugated to blue carrier protein was used as the antigen.
Specificity:	Specific for CATSPER1.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	Whole serum

Target Details

Target:	CATSPER1
Alternative Name:	CATSPER1 (CATSPER1 Products)

Target Details

Background:	Function: Voltage-gated calcium channel that plays a central role in sperm cell hyperactivation. Controls calcium entry to mediate the hyperactivated motility, a step needed for sperm motility which is essential late in the preparation of sperm for fertilization. Activated by intracellular alkalinization. Subcellular location: Cell projection âÄ° cilium âÄ° flagellum membrane, Multi-pass membrane protein Tissue specificity: Testis-specific. Specifically present in the principal piece of sperm tail (at protein level).,Reproduction,CTSR1, CatSper1, hCatSper, CATSPER1
UniProt:	Q8NEC5

Application Details

Application Notes:	IHC, WB. A dilution of 1: 200 to 1: 2000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months