

Datasheet for ABIN2461149
anti-CATSPER2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	CATSPER2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CATSPER2.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	CATSPER2
Alternative Name:	CATSPER2 (CATSPER2 Products)
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 15q14, the second copy of this gene is thought to be a pseudogene. Additional

Target Details

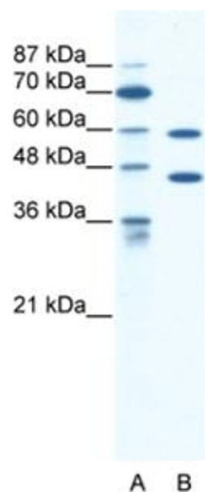
	splice variants have been described but their full-length nature has not been determined.
Molecular Weight:	58 kDa, 62 kDa
Gene ID:	117155
NCBI Accession:	NP_473361
UniProt:	Q96P56

Application Details

Application Notes:	CATSPER2 antibody can be used for detection of CATSPER2 by ELISA at 1:312500. CATSPER2 antibody can be used for detection of CATSPER2 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store CATSPER2 antibody at -20 °C.



Western Blotting

Image 1.