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Datasheet for ABIN7043027

anti-CATSPER1 antibody (3rd Extracellular Loop)

1 Image

Overview

Quantity:	50 µL
Target:	CATSPER1
Binding Specificity:	3rd Extracellular Loop, AA 508-521
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RALFQDSDPKRFQN, corresponding to amino acid residues 508-521 of mouse CatSper1
Isotype:	IgG
Characteristics:	Anti-CatSper1 (extracellular) Antibody (ABIN7043027 and ABIN7044102)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot analysis. The antibody recognizes an extracellular epitope and is thus ideal for detecting CatSper1 in living cells. It has been designed to recognize CatSper1 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

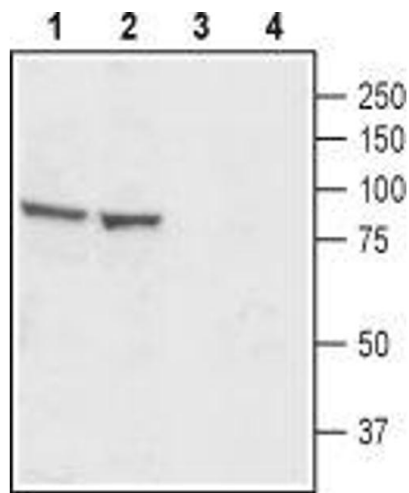
Target:	CATSPER1
Alternative Name:	CatSper1 (CATSPER1 Products)
Background:	Alternative names: CatSper1, Cation channel sperm-associated protein 1
Gene ID:	225865
NCBI Accession:	NM_053054
UniProt:	Q91ZR5

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) testis lysates: - 1.2, Anti-CatSper1 (extracellular) Antibody (ABIN7043027 and ABIN7044102), (1:200).3.4, Anti-CatSper1 (extracellular) Antibody, preincubated with CatSper1 (extracellular) Blocking Peptide (#BLP-CC301).