

MaxPab®

CATSPER2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00117155-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CATSPER2 protein.
Immunogen	CATSPER2 (NP_473361.1, 1 a.a. ~ 528 a.a) full-length human protein.
Sequence	MAAYQQEEQMQLPRADAIKRLIDTSLIEHLQGLSQAVPRHTIRELLDPSRQKKLVLDGQHQQLVR FSIKPQRIEQISHAQRLSLHVRCSQRPLSLWAGWVLECPFKNFIFLVFLNTIILMVEIELLESTN TKLWPLKLTLEVAAWFILLIFILEILLKWLSNFSVFWKSAWNVDFVVTMLSLLPEVVVLVGVTGQS VWLQLLRICRVLRSLKLLAQFRQIIILVLRALKSMTFLLMLLIFFYIFAVTGVVVFSEYTRSPRQDL EYHVFFSDLPNSLVTVFILFTLDHWYALLQDVWKVPEVSRIFSSYFILWLLLSIIFRSIVAMMVTNF QNIRKELNEEMARREVQLKADMFKRQIIQRRKNMSHEALTSSHSKIEDRGASQQRESLDLSEVSE VESNYGATEEDLITSASKTEETLSKKREYQSSSCVSSTSSSYSSSESSESRFSESIGRLDWETLVHE NLPGLMEMDQDDRVRDPSLFRYFELLEKLQYNLEERKKLQEFVQALMNLEDK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — CATSPER2

Entrez GeneID

[117155](#)

GeneBank Accession#	NM_054020.2
Protein Accession#	NP_473361.1
Gene Name	CATSPER2
Gene Alias	MGC33346
Gene Description	cation channel, sperm associated 2
Omim ID	607249
Gene Ontology	Hyperlink
Gene Summary	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 15q15; the second copy of this gene is thought to be a pseudogene. Additional splice variants have been described but their full-length nature has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000066276 OTTHUMP00000066277 OTTHUMP00000066278 sperm ion channel sperm-associated cation channel 2

Disease

- [Tobacco Use Disorder](#)