

Anti-CATSPER Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 90 kDa. Actual: 77 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Kidney tissue lysates
Verified Activity:	Primary: Anti-CATSPER (TMAB-03696) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 90 kD Observed band size: 77 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse CATSPER
Antigen Species:	Mouse
Gene ID:	225865
Uniprot ID:	Q91ZR5

Research Background

CATSPER1 is a voltage-gated calcium channel that plays a central role in sperm cell hyperactivation. It 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. It is activated by intracellular alkalinization.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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