



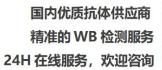
CTSR4 Monoclonal Antibody

Catalog No	BYmab-05440
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CATSPER4
Protein Name	Cation channel sperm-associated protein 4 (CatSper4)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CTSR4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	51kD
Observed Band Cell Pathway	51kD Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein . Specifically located in the principal piece of the sperm tail
	Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein .
Cell Pathway	Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein . Specifically located in the principal piece of the sperm tail
Cell Pathway Tissue Specificity	Cell projection, cilium, flagellum membrane; Multi-pass membrane protein. Specifically located in the principal piece of the sperm tail Testis-specific. 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.,similarity:Belongs to the cation channel sperm-associated family.,subunit:Heterotetramer; possibly composed of CATSPER1, CATSPER2, CATSPER3 and CATSPER4 (Potential). Interacts with CATSPER1.,tissue specificity:Testis-specific. Specifically present in

Nanjing BYabscience technology Co.,Ltd

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	for fertilization. Activated by intracellular alkalinization., similarity:Belongs to the cation channel sperm-associated family., subunit:Heterotetramer; possibly composed of CATSPER1, CATSPER2, CATSPER3 and CATSPER4 (Potential). Interacts with CATSPER1., tissue specificity:Testis-specific. Specifically present in the principal piece of sperm tail.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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