



CTSR4 Polyclonal Antibody

Catalog No	YP-Ab-05440
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CATSPER4
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CTSR4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CTSR4;CATSPER4;Cation channel sperm-associated protein 4 (CatSper4)
Observed Band	51kD
Calculated Molecular Weight	51kD
Cell Pathway	Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein . Specifically located in the principal piece of the sperm tail. .
Tissue Specificity	Testis-specific.
Function	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 the principal piece of sperm tail.,
Background	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

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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