

Anti-CTSR4 antibody



Description	Unconjugated Rabbit polyclonal to CTSR4
Model	STJ190670
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	378807
Gene Symbol	CATSPER4
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CTSR4 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Testis-specific.
Purification	CTSR4 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cation channel sperm-associated protein 4 CatSper4
Molecular Weight	51 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:23220OMIM:609121
Alternative Names	Cation channel sperm-associated protein 4 CatSper4
Function	Voltage-gated calcium channel that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.
Cellular Localization	Cell projection, cilium, flagellum membrane. Multi-pass membrane protein. Specifically located in the principal piece of sperm tail.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com