

CTSR4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15120
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cation channel sperm-associated protein 4
Synonyms	Cation channel sperm-associated protein 4 ;CatSper4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year