



CTSRB Monoclonal Antibody

Catalog No	YP-mAb-05441
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CATSPERB C14orf161
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CTSRB 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C14orf161;CatSper beta;CatSper(beta);CATSPERB;CTSRB;CATSPERB C14orf161;Cation channel sperm-associated protein subunit beta (CatSper-beta)
Observed Band	72 kDa
Calculated Molecular Weight	122kD
Cell Pathway	Cell projection, cilium, flagellum membrane ; Single-pass membrane protein . Predominantly located in the principal piece of the sperm tail. .
Tissue Specificity	Epithelium,Placenta,Testis,
Function	function:Probably involved in sperm cell hyperactivation via its association with CATSPER1. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization.,subunit:Component of a complex, at least composed of CATSPER1, HSPA1B and CATSPERB.,
Background	function:Probably involved in sperm cell hyperactivation via its association with CATSPER1. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization.,subunit:Component of a complex, at least composed of CATSPER1, HSPA1B and CATSPERB.,

**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