

Anti-5HT3B antibody



Description	Unconjugated Rabbit polyclonal to 5HT3B
Model	STJ192609
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human 5HT3B protein.
Immunogen Region	140-220aa
Gene ID	9177
Gene Symbol	HTR3B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	5HT3B Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in the brain cortex, in the caudate nucleus, the hyppocampus, the thalamus and the amygdala. Detected in the kidney and testis as well as in monocytes of the spleen, small and large intestine, uterus, prostate, ovary and placenta.
Purification	5HT3B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	5-hydroxytryptamine receptor 3B 5-HT3-B 5-HT3B Serotonin receptor 3B
Molecular Weight	48 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:5298OMIM:604654
Alternative Names	5-hydroxytryptamine receptor 3B 5-HT3-B 5-HT3B Serotonin receptor 3B
Function	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses. It is a cation-specific, but otherwise relatively nonselective, ion channel.
Cellular Localization	Cell membrane. Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.
Post-translational Modifications	N-glycosylation required for membrane localization.

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