

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 <u>9177</u>

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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