



5HT3C Polyclonal Antibody

Catalog No	YP-Ab-07360
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	HTR3C
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	5HT3C Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5HT3C;HTR3C;5-hydroxytryptamine receptor 3C (5-HT3-C) (5-HT3C) (Serotonin receptor 3C)
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.
Tissue Specificity	Expressed in many tissues including adult brain, colon, intestine, lung, muscle and stomach as well as fetal colon and kidney.
Function	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.,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subcellular location:Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.,subunit:Forms a pentaheteromeric complex with HTR3A, homomeric complex being not functional.,tissue specificity:Expressed in many tissues including adult brain, colon, intestine, lung, muscle and stomach as well as fetal colon and kidney.,

Background

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3. [provided by RefSeq, Jul 2008],

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