HTR3C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HTR3C, Polyclonal Antibody
Full Product Name	HTR3C Conjugated Antibody
Product Gene Name	anti-HTR3C antibody
Product Synonym Names	5-HT; 5-HT3C; 5-HT3-C
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total HTR3C protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	50,220 Da
OMIM	610121
3D Structure	ModBase 3D Structure for Q8WXA8
Immunogen	Fusion protein corresponding to a region derived from internal residues of human 5-hydroxytryptamine (serotonin) receptor 3C, ionotropic
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-HTR3C antibody	Most Applications
Application Notes for anti-HTR3C antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-HTR3C antibody	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.
Other Notes	Small volumes of anti-HTR3C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HTR3C purchase	MBS9446707 is an antibody targeting HTR3C. Also known as HTR3C Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HTR3C. It may not necessarily be applicable to this product.

NCBI GI #	124297758
NCBI GeneID	170572
NCBI Accession #	BC131799
UniProt Primary Accession #	Q8WXA8
UniProt Secondary Accession #	A2RRR5
UniProt Related Accession #	Q8WXA8
NCBI Official Full Name	Homo sapiens 5-hydroxytryptamine (serotonin) receptor 3, family member C, mRNA
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 3C
NCBI Official Symbol	HTR3C
UniProt Protein Name	5-hydroxytryptamine receptor 3C
UniProt Synonym Protein Names	Serotonin receptor 3C
Protein Family	5-hydroxytryptamine receptor
UniProt Gene Name	HTR3C
UniProt Synonym Gene Names	5-HT3-C; 5-HT3C
UniProt Entry Name	5HT3C_HUMAN
NCBI Protein Information	5-hydroxytryptamine receptor 3C
Research Articles on HTR3C	**1.** Our study indicates, for the first time, an association between variants of HTR3C and severity of chemotherapy-induced symptoms
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