

Recombinant

DGRmAb®

5HT2C Receptor (DGR15512) Rabbit mAb

db15044

Package : 10µL 20µL 50µL 100µL

Product Name : 5HT2C Receptor (DGR15512) Rabbit mAb**Cat.No.:** db15044**Synonyms** : HTR1C; 5-HT1C; 5-HT2C; 5HTR2C; 5-HTR2C**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a seven-transmembrane G-protein-coupled receptor. The encoded protein responds to signaling through the neurotransmitter serotonin. The mRNA of this gene is subject to multiple RNA editing events, where adenosine residues encoded by the genome are converted to inosines. RNA editing is predicted to alter the structure of the second intracellular loop, thereby generating alternate protein forms with decreased ability to interact with G proteins. Abnormalities in RNA editing of this gene have been detected in victims of suicide that suffer from depression. In addition, naturally-occurring variation in the promoter and 5' non-coding and coding regions of this gene may show statistically-significant association with mental illness and behavioral disorders. Alternative splicing results in multiple different transcript variants. [provided by RefSeq, Jan 2015]

Immunogen

A synthetic peptide of human 5HT2C Receptor

Gene ID

3358

Swiss Prot

P28335

Synonyms

HTR1C; 5-HT1C; 5-HT2C; 5HTR2C; 5-HTR2C

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

52 kDa

Observed MW

52 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15512

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.