

Recombinant

DGRmAb®

**5HT2C Receptor (DGR15512) Rabbit mAb (PBS Only)**

db15044-PBS

Package : 10µg 100µg

**Product Name** : 5HT2C Receptor (DGR15512) Rabbit mAb (PBS Only)**Cat.No.:** db15044-PBS**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

**Calculated MW**

52 kDa

**Observed MW**

52 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15512

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.