

**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

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<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.