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-occuring 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	72 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.



Western blot analysis of extracts from MOLT-4 cells using db15044 at 1:1000.