



Anti-HTR1A (aa 1-36) polyclonal antibody (DPAB-DC1631)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | This gene encodes a G protein-coupled receptor for 5-hydroxytryptamine (serotonin), and belongs to the 5-hydroxytryptamine receptor subfamily. Serotonin has been implicated in a number of physiologic processes and pathologic conditions. Inactivation of this gene in mice results in behavior consistent with an increased anxiety and stress response. Mutation in the promoter of this gene has been associated with menstrual cycle-dependent periodic fevers. |
| Immunogen | HTR1A (NP_000515, 1 a.a. ~ 36 a.a) partial recombinant protein with GST tag. The sequence is MDVLSPGQGNNTSPPAPFETGGNTTGISDVTSYQ |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | HTR1A 5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled [Homo sapiens (human)] |
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| Official Symbol | HTR1A |
| Synonyms | HTR1A; 5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled; G-21; 5HT1a; PFMCD; 5-HT1A; 5-HT-1A; ADRBRL1; ADRB2RL1; 5-hydroxytryptamine receptor 1A; 5-HT1a receptor; guanine nucleotide-binding regulatory protein-coupled receptor; |
| Entrez Gene ID | 3350 |
| Protein Refseq | NP_000515 |
| UniProt ID | A8K5W4 |
| Chromosome Location | 5q11.2-q13 |
| Pathway | Amine ligand-binding receptors; G alpha (i) signalling events; GPCR ligand binding; Monoamine GPCRs |
| Function | protein binding; serotonin receptor activity; |
