



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

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 MDVLSPGQGNNNTTSPAPFETGGNTTGISDVTVSQY
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

Gene Name	HTR1A 5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled [Homo sapiens (human)]
------------------	---

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;