



Anti-HTR1B (aa 1-49) polyclonal antibody (DPAB-DC1632)

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

PRODUCT INFORMATION

Antigen Description	The neurotransmitter serotonin (5-hydroxytryptamine; 5-HT) exerts a wide variety of physiologic functions through a multiplicity of receptors and may be involved in human neuropsychiatric disorders such as anxiety, depression, or migraine. These receptors consist of several main groups subdivided into several distinct subtypes on the basis of their pharmacologic characteristics, coupling to intracellular second messengers, and distribution within the nervous system (Zifa and Fillion, 1992 [PubMed 1359584]). The serotonergic receptors belong to the multigene family of receptors coupled to guanine nucleotide-binding proteins.[supplied by OMIM, Oct 2009]
Immunogen	HTR1B (NP_000854, 1 a.a. ~ 49 a.a) partial recombinant protein with GST tag. The sequence is MEEPGAQCAPPPAGSETWVPQANLSSAPSQNCSAKDYIYQDSISLPWK
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	HTR1B 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled [Homo sapiens (human)]
Official Symbol	HTR1B
Synonyms	HTR1B; 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled; S12; 5-HT1B; HTR1D2; HTR1DB; 5-HT1DB; 5-hydroxytryptamine receptor 1B; 5-HT-1B; 5-HT-1D-beta; serotonin receptor 1B; serotonin 1D beta receptor;
Entrez Gene ID	3351
Protein Refseq	NP_000854
UniProt ID	P28222
Chromosome Location	6q13
Pathway	Amine ligand-binding receptors; G alpha (i) signalling events; GPCR ligand binding; Monoamine GPCRs.
Function	drug binding; serotonin binding; serotonin receptor activity;