



Anti-HTR1A (aa 322-334) polyclonal antibody (DPABH-27832)

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

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Antigen Description | This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. |
| Immunogen | Synthetic peptide: C-ERKNERTAEAKRK with a Cysteine residue linker, corresponding to internal sequence amino acids 322-334 of Mouse 5HT1A Receptor (NP_032334.2). |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Size | 200 µl |
| Buffer | pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

| | |
|-----------------|--|
| Gene Name | HTR1A 5-hydroxytryptamine (serotonin) receptor 2A [<i>Mus musculus</i>] |
| Official Symbol | HTR1A |
| Synonyms | HTR1A; 5-hydroxytryptamine (serotonin) receptor 1A; Gpcr18; 5-hydroxytryptamine receptor 1A; 5-HT-1A; 5-HT1A receptor; serotonin receptor 1A; G-protein coupled receptor 18; |
| Entrez Gene ID | 15550 |
| Protein Refseq | NP_032334.2 |
| UniProt ID | Q64264 |
| Pathway | Amine ligand-binding receptors; G alpha (i) signalling events; GPCR ligand binding; GPCRs, Other |
| Function | G-protein alpha-subunit binding; G-protein coupled receptor activity; drug binding; serotonin binding |