

ARG63992 anti-HTR1B / Serotonin Receptor 1B antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes HTR1B / Serotonin Receptor 1B |
| Tested Reactivity | Hu, Ms |
| Predict Reactivity | Cat, Rat, Cow, Dog, Pig |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | HTR1B / Serotonin Receptor 1B |
| Species | Human |
| Immunogen | C-SNEDFKQAFHK |
| Conjugation | Un-conjugated |
| Alternate Names | 5-hydroxytryptamine receptor 1B; HTR1D2; S12; 5-HT-1D-beta; Serotonin 1D beta receptor; Serotonin receptor 1B; HTR1DB; 5-HT1B; 5-HT-1B; 5-HT1DB |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-------------|
| | WB | 1 - 3 µg/ml |

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

Database links

[GeneID: 15551 Mouse](#)

[GeneID: 3351 Human](#)

[Swiss-port # P28222 Human](#)

[Swiss-port # P28334 Mouse](#)

Background

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]

Research Area

Metabolism antibody; Neuroscience antibody

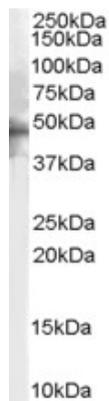
Calculated Mw

44 kDa

PTM

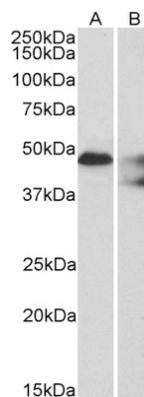
Phosphorylated. Desensitization of the receptor may be mediated by its phosphorylation. Palmitoylated.

Images



ARG63992 anti-HTR1B / Serotonin Receptor 1B antibody WB image

Western blot: Human Brain lysate (35 μ g protein in RIPA buffer) stained with ARG63992 anti-HTR1B / Serotonin Receptor 1B antibody at 2 μ g/ml dilution.



ARG63992 anti-HTR1B / Serotonin Receptor 1B antibody WB image

Western blot: 35 μ g of Human cerebellum (A) and Mouse spinal cord (B) lysates (in RIPA buffer) stained with ARG63992 anti-HTR1B / Serotonin Receptor 1B antibody at 1 μ g/ml dilution and incubated at RT for 1 hour.