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# GABRB3
# Human GABAβ3 Receptor

| | | | |
|---|---|---|---|
| **Catalog No.** | CSH0204MP<br>CSH0204PR | **Quantity:** | 10 mg<br>50 µg |

**Alternate Names:** Gamma-Aminobuytric Acid Type A Receptor Beta 3 Subunit, GABA(A)Receptor, Beta 3, EIEE43

**Description:** GABA (gamma-aminobutyric acid) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors. GABA-A receptors are multisubunit proteins that form ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as GABA, benzodiazepines and various anesthetics that bind to the GABA-A receptors.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

**Gene ID:** 2562

**UniProtKB:** P28472

**Format:** Cell line, membrane preparation, or purified protein

**Source:** HEK 293 or CHO cells

**Characterization:** Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

**Affinity Tag Options:**
2S: TwinStrep Tag at amino-terminus
4S: 2 x TwinStrep Tag at amino-terminus
FH: FLAG tag at amino-terminus, $HIS_{10}$ tag at carboxy-terminus
FFH: FLAG tag at amino-terminus, FLAG tag and $HIS_{10}$ tag at carboxy-terminus

Flow cytometry on HEK293 cells stably expressing

Immunostaining of HEK293 cells stably expressing

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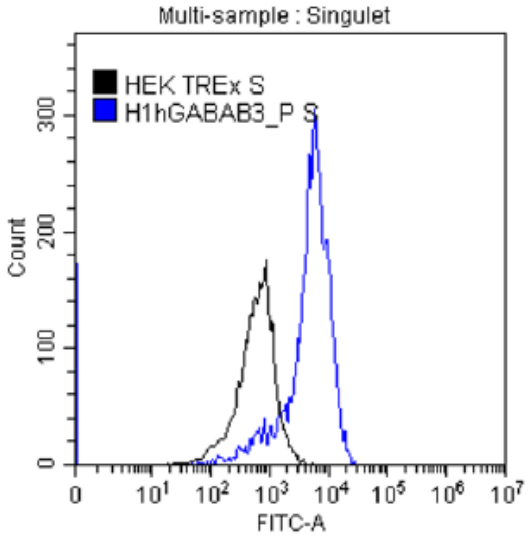
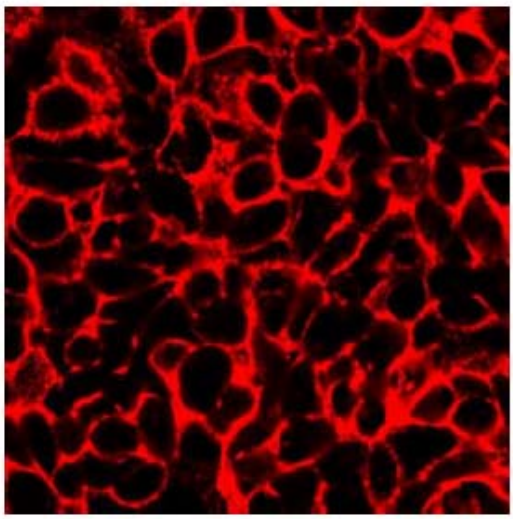
human GABAβ3 receptor, using Strep-Tactin Chromeo 488




human GABAβ3 receptor, using Strep-Tactin Chromeo 546





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