

## GABBR2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 106kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human GABBR2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HG20; GPR51; GPRC3B; GABABR2; HRIHFB2099;

**Catalog #:** A6594

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9568

**Isotype:** IgG

**Swiss Prot:** O75899

**Purity:** Affinity purification

For research use only.

**Background:**

The multi-pass membrane protein encoded by this gene belongs to the G-protein coupled receptor 3 family and GABA-B receptor subfamily. The GABA-B receptors inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters, and the activity of ion channels and adenylyl cyclase. This receptor subunit forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence.

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