

## Anti-GABA B receptor 1 Antibody (9H48)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	9H48
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of GABA B Receptor 1 expression in HeLa cell lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human GABA B receptor 1
Synonyms:	GPRC3A;GABABR1;GABBR1 3;GABAB R1;Gb1;GABA-B-R1;Gamma aminobutyric acid (GABA) B receptor 1;GABAB subunit 1c

### Research Background

Component of a heterodimeric G-protein coupled receptor for GABA, formed by GABBR1 and GABBR2. Within the heterodimeric GABA receptor, only GABBR1 seems to bind agonists, while GABBR2 mediates coupling to G proteins. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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