

Product datasheet for **TA351204**

GABA B Receptor 1 (GABBR1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GABBR1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	gamma-aminobutyric acid type B receptor subunit 1
Database Link:	NP_068703 Entrez Gene 54393 Mouse Entrez Gene 81657 Rat Entrez Gene 2550 Human Q9UBS5



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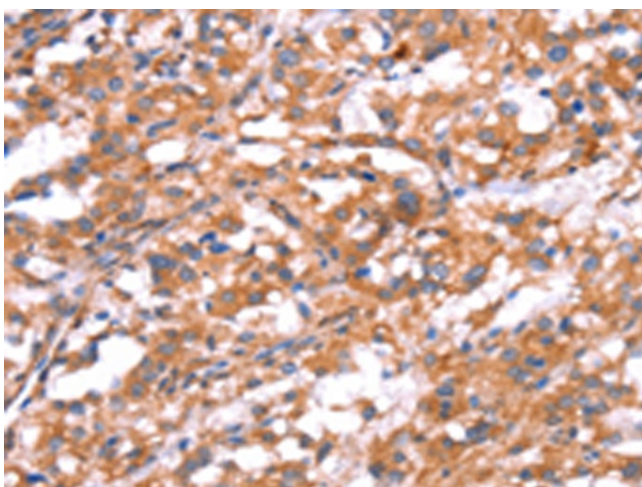
Background: Gamma-aminobutyric acid (GABA) is the main inhibitory neurotransmitter in the mammalian central nervous system. GABA exerts its effects through ionotropic [GABA(A/C)] receptors, to produce fast synaptic inhibition, and metabotropic [GABA(B)] receptors, to produce slow, prolonged inhibitory signals. The GABA(B) receptor consists of a heterodimer of two related 7-transmembrane receptors, GABA(B) receptor 1 and GABA(B) receptor 2. The GABA(B) receptor 1 gene is mapped to chromosome 6p21.3 within the HLA class I region close to the HLA-F gene. Susceptibility loci for multiple sclerosis, epilepsy, and schizophrenia have also been mapped in this region. Alternative splicing of this gene generates multiple transcript variants.

Synonyms: dj271M21.1.1; dj271M21.1.2; GABABR1; GABBR1-3; GB1; GPRC3A

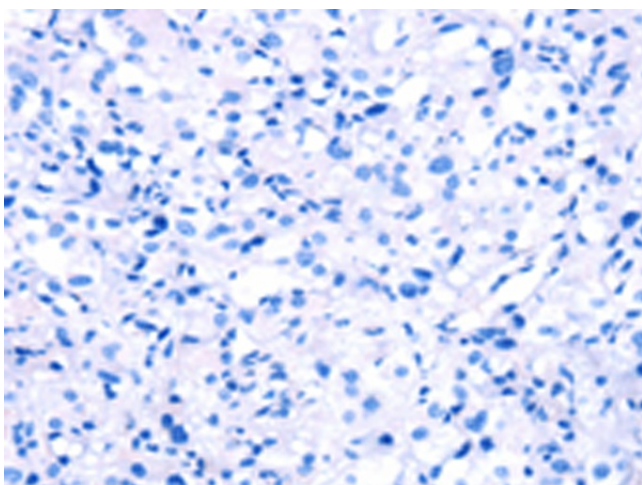
Protein Families: Druggable Genome, GPCR, Secreted Protein, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351204 (GABBR1 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351204 (GABBR1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)