
Product Name: GABBR2 Mouse Monoclonal Antibody**Catalog #: AMM81305**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	105.8kDa

Antigen Information

Gene Name	GABBR2
Alternative Names	HG20; GPR51; GPRC3B; GABABR2; HRIHFB2099
Gene ID	9568.0
SwissProt ID	O75899
Immunogen	Purified recombinant fragment of human GABBR2 (AA: 319-483) expressed in E. Coli.

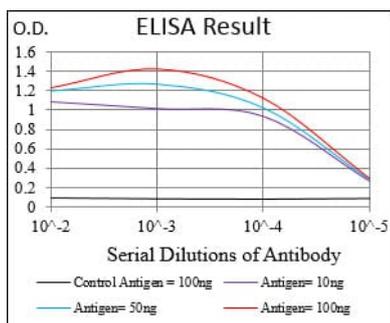
Background

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

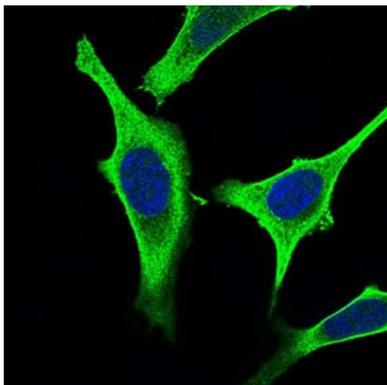
forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence.

Research Area

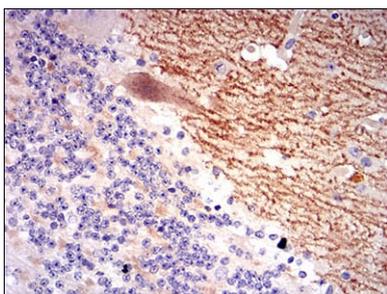
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HeLa cells using GABBR2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using GABBR2 mouse mAb with DAB staining.