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anti-GABBR2 antibody (AA 319-483)

5 Images



Publication



Go to Product page

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Quantity:	0.1 mg	
Target:	GABBR2	
Binding Specificity:	AA 319-483	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This GABBR2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)	

Product Details

Immunogen:	Purified recombinant fragment of human GABBR2 (AA: 319-483) expressed in E. coli.		
Clone:	5G7F7		
Isotype:	lgG2a		
Purification:	purified		

Target Details

Target:	GABBR2
Alternative Name:	GABBR2 (GABBR2 Products)
Background:	Description: 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. , , , ,

Molecular Weight: 105.8 kDa

Gene ID: 9568

HGNC: 9568

Aliases: HG20, GPR51, GPRC3B, GABABR2, HRIHFB2099

Pathways: cAMP Metabolic Process

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format:

Buffer:
Purified antibody in PBS with 0.05 % sodium azide.

Preservative:
Sodium azide

Precaution of Use:
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

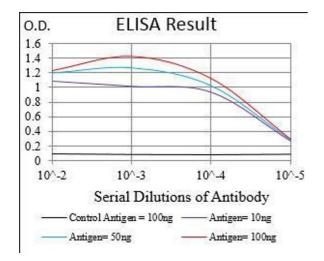
Storage:
4 °C/-20 °C

Storage Comment:
4°C, -20°C for long term storage

Publications

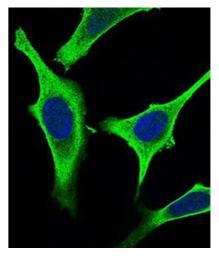
Product cited in:

Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara, Hasegawa, Enohara, Kimura, Iyo, Hashimoto: "Decreased serum levels of mature brain-derived neurotrophic factor (BDNF), but not its precursor proBDNF, in patients with major depressive disorder." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42676, (2012) (PubMed).



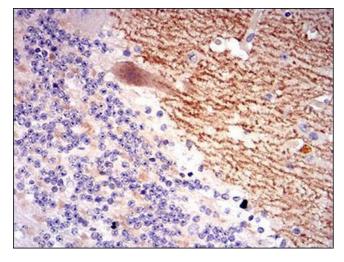
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Immunofluorescence

Image 2. Immunofluorescence analysis of Hela cells using GABBR2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded cerebellum tissues using GABBR2 mouse mAb with DAB staining.

Please check the product details page for more images. Overall 5 images are available for ABIN1724937.