

Datasheet for ABIN6140882
anti-GABBR1 antibody (AA 200-460)



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2 Images

Overview

Quantity:	100 µL
Target:	GABBR1
Binding Specificity:	AA 200-460
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 200-460 of human GABBR1 (NP_068703.1).
Sequence:	EVFTSTLDDL EERVKEAGIE ITFRQSFFSD PAVPVKNLKR QDARIIVGLF YETEARKVFC EVYKERLFGK KYVWFLIGWY ADNWFKIYDP SINCTVDEMT EAVEGHITTE IVMLNPANTR SISNMTSQEF VEKLTkRLKR HPEETGGFQE APLAYDAIWA LALALNKTSG GGGRSGVRLE DFNYNNQTIT DQIYRAMNSS SFEGVSGHVV FDASGSRMAW TLIEQLQGGS YKKIGYYDST KDDLWSKTD KWIGGSPPAD Q
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

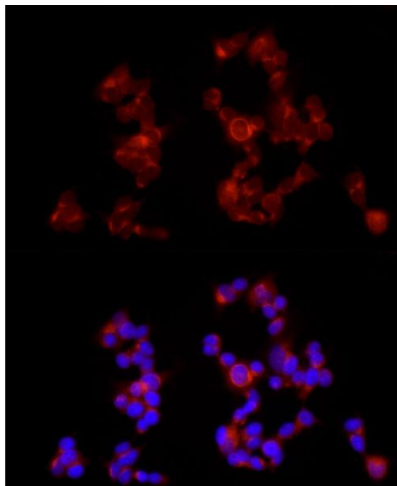
Target:	GABBR1
Alternative Name:	GABBR1 (GABBR1 Products)
Background:	This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined.,GABBR1,GABABR1,GABBR1-3,GB1,GPRC3A,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,GABBR1
Molecular Weight:	65 kDa/95 kDa/101 kDa/104 kDa/108 kDa
Gene ID:	2550
UniProt:	Q9UBS5
Pathways:	Positive Regulation of Peptide Hormone Secretion , cAMP Metabolic Process

Application Details

Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

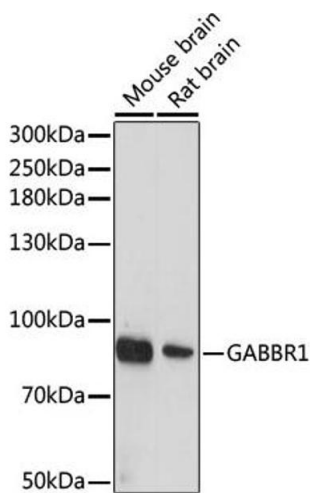
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of SH-SY5Y cells using G Rabbit pAb (ABIN6131686, ABIN6140882, ABIN6140883 and ABIN6214785) at dilution of 1:350 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using G antibody (ABIN6131686, ABIN6140882, ABIN6140883 and ABIN6214785) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.