

Datasheet for ABIN1387703
anti-GABRB2 antibody (AA 251-350)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GABRB2
Binding Specificity:	AA 251-350
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABRB2/GABA A Receptor beta 2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GABRB2
---------	--------

Target Details

Alternative Name:	GABRB2/GABA A Receptor beta 2 (GABRB2 Products)
Background:	<p>Synonyms: GABA, GABAA receptor subunit beta-2, GABRB2, Gamma aminobutyric acid GABA A receptor, beta 2, Gamma aminobutyric acid A receptor beta 2, Gamma-aminobutyric acid receptor subunit beta-2, Gamma-aminobutyric-acid receptor subunit beta-2, GBRB2_HUMAN,</p> <p>Background: GAD-65 and GAD-67, glutamate decarboxylases, function to catalyze the production of GABA (gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl⁻ conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct.</p>
Pathways:	Sensory Perception of Sound , Synaptic Membrane

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

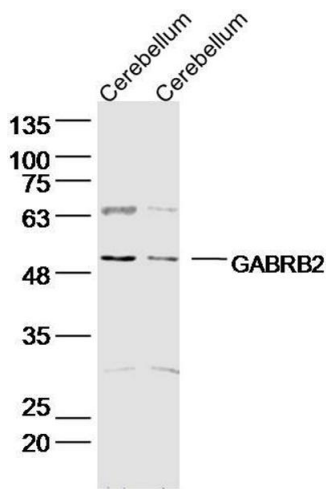
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months

Images



Western Blotting

Image 1. Lane 1: Rat Cerebellum lysates; Lane 2: Mouse Cerebellum lysates; probed with GABRB2/GABA A Receptor beta 2 Polyclonal Antibody, unconjugated (bs-12065R) at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.