Datasheet for ABIN1387660

anti-GABRg1 antibody (AA 65-160)

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Overview

Quantity:	100 µL
Target:	GABRg1
Binding Specificity:	AA 65-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRg1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GABRG1/GABA A Receptor gamma 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GABRg1
Alternative Name:	GABRG1/GABA A Receptor gamma 1 (GABRg1 Products)

Target Details

Background:	Synonyms: GABAA receptor subunit gamma 1, GabaA/BZ, GABRG 1, GABRG1, Gamma aminobutyric acid GABA A receptor subunit gamma 1, Gamma aminobutyric acid A receptor, gamma 1, GBRG1, 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- (chloride) 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. The Gamma subunit of GABAA receptors are important for benzodiazepine binding and modulation of GABA-mediated Cl- current. GABAA R Gamma 1 (gamma-aminobutyric acid (GABA) A receptor, gamma 1), also known as GABRG1, is a 465 amino acid multi-pass membrane protein belonging to the ligand-gated ionic channel (TC 1.A.9) family. GABAA R gamma 1 participates in neurotransmission inhibition and has been linked to alcohol dependence.
Gene ID:	2565
UniProt:	Q8N1C3
Pathways:	Synaptic Membrane

Application Details

Application Notes:	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

Handling

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.
Expiry Date:	12 months