Datasheet for ABIN800888

anti-GABBR1 antibody (pSer923) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	GABBR1
Binding Specificity:	pSer923
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse GABBR1 around the phosphorylation site of Ser923
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	GABBR1
Alternative Name:	Gabbr1 (GABBR1 Products)

Target Details

Background:	Synonyms: GABBR1 phospho S1180, GABBR1 phospho Ser1180, p-GABBR1 Ser1180, GABAb Receptor 1, dJ271M21.1.1, dJ271M21.1.2, FLJ92613, GAB B R1, GABA B R1, GABAB R1, GABAB subunit 1c, GABAB1e, GABABR 1, GABABR1, GABB R1, GABBR 1, GABBR1 3, GABBR1, Gamma aminobutyric acid GABA B receptor 1, Gamma aminobutyric acid B receptor 1, Gamma aminobutyric acid type B receptor subunit 1, Gb 1, Gb1, GPRC 3A, GPRC3A, hGB1a, GABR1_HUMAN, Gamma-aminobutyric acid type B receptor subunit 1, GABA B Receptor 1, GABA-B receptor 1, GABA-B-R1, GABA-BR1, GABABR1, Gb1, Seven transmembrane helix receptor. Background: Gamma-aminobutyric acid (GABA) is the main inhibitory neurotransmitter in the mammalian central nervous system. GABA exerts its effects through ionotropic [GABA(A/C)] receptors, to produce fast synaptic inhibition, and metabotropic [GABA(B)] receptors, to produce slow, prolonged inhibitory signals. The GABA(B) receptor consists of a heterodimer of two related 7-transmembrane receptors, GABA(B) receptor 1 and GABA(B) receptor 2. The GABA(B) receptor 1 gene is mapped to chromosome 6p21.3 within the HLA class I region close to the HLA-F gene. Susceptibility loci for multiple sclerosis, epilepsy, and schizophrenia have also been mapped in this region. Alternative splicing of this gene generates multiple transcript variants. [provided by RefSeq, Jun 2009].
Gene ID:	54393
Pathways:	Positive Regulation of Peptide Hormone Secretion, cAMP Metabolic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months