Datasheet for ABIN5688912

anti-GABBR1 antibody (pSer923)

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Overview

Quantity:	0.1 mL
Target:	GABBR1
Binding Specificity:	pSer923
Reactivity:	Human, Rat, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Phosphopeptide corresponding to amino acid residues surrounding the phospho-Ser923 of GABAB R1.
Purification:	Affinity Purified

Target Details

Target:	GABBR1
Alternative Name:	GABBR1 (GABBR1 Products)
Background:	Gamma-aminobutyric acid (GABA) is the primary inhibitory neurotransmitter in the central nervous system. There are two major classes of GABA receptors: the GABAA and the GABAB subtype of receptors. GABAB receptors are heterodimeric G protein-coupled receptors that mediate slow synaptic inhibition in the central nervous system. Phosphorylation enhances

Target Details

	GABAB receptor effector coupling (Couve et al., 2004). Phosphorylation of Ser923 is thought to be important in the regulation of GABAB receptor function.
Molecular Weight:	102 kDa
Gene ID:	81657
UniProt:	Q9Z0U4
Pathways:	Positive Regulation of Peptide Hormone Secretion, cAMP Metabolic Process

Application Details

Application Notes:	The antibody has been directly tested for reactivity in Western blots with rat tissue. It is anticipated that the antibody will react with bovine, human, mouse and non-human primate tissues based on the fact that these species have 100 % homology with the amino acid sequence used as antigen.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 µLin 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per mL BSA and 50 % glycerol.
Storage:	-20 °C
Storage Comment:	GABAB Receptor antibody can be stored at -20°C and is stable at -20°C for at least 1 year.

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