

Datasheet for ABIN372645

anti-GABBR1 antibody (pSer923)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mL
Target:	GABBR1
Binding Specificity:	pSer923
Reactivity:	Human, Rat, Mouse, Cow, Non-Human Primate
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
Isotype:	IgG
Specificity:	Specific for ~102k GABAB R1 phosphorylated at Ser923. Immunolabeling of the GABAB R1 band is completely blocked by lambda-phosphatase treatment.
Cross-Reactivity (Details):	Species reactivity (expected): Human, Bovine, Mouse and non-Human Primates. Species reactivity (tested): Rat.
Purification:	Sequential Chromatography on phospho- and dephospho-peptide affinity columns.

Target Details

Target:	GABBR1
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Target Details

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 GABAB receptor effector coupling (Couve et al., 2004). Phosphorylation of Ser923 is thought to be important in the regulation of GABAB receptor function.Synonyms: GABA-B receptor 1, GABA-B-R1, GABA-BR1, GABABR1, GPRC3A, Gamma-aminobutyric acid type B receptor subunit 1, Gb1
Gene ID:	81657
NCBI Accession:	NP_112290
UniProt:	Q9Z0U4
Pathways:	Positive Regulation of Peptide Hormone Secretion , cAMP Metabolic Process

Application Details

Application Notes:	Western Blot: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50 % Glycerol.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.

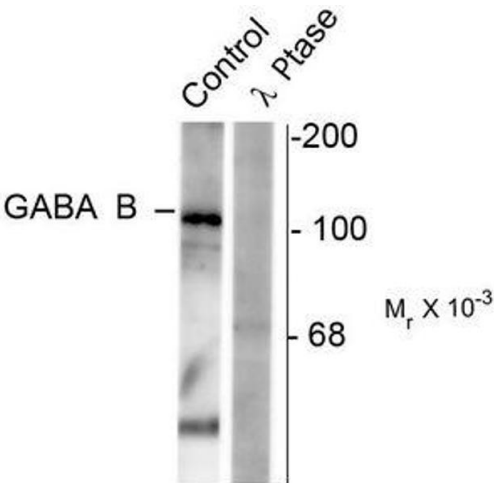


Image 1.