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r	Orders: Support: Web:	

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Applications: W, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 105	Source/Isotype: Rabbit	UniProt ID: #O75899	Entrez-Gene Id 9568		
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity/Sensitivity		GABA(B)R2 Antibody detects endogenous levels of total GABA(B)R2 protein.						
Source / Purific	ation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to human GABA(B)R2. Antibodies are purified by peptide affinity chromatography.						
Background		and interacts with three GABA(A) and GABA(C) r transmission. In contra slow inhibitory synaptic GABA(B)R1 and GABA(E contact site (2). Two iso GABA(B)R1b is a 95 kD inositol phospholipid h presynaptic GABA(B) re calcium channels, while rectifying potassium ch	e different receptor eceptors are ligar st, the metabotro transmission (1))R2 where GABA(forms of GABA(B) protein (3). G proi ydrolysis. GABA(B ceptors inhibit ne e postsynaptic GA annels. In additic	y inhibitory neurotransm ors: GABA(A), GABA(B) an id-gated ion channels the pic GABA(B) receptor is c Functional GABA(B) rece BJR1 binds the ligand an R1 have been cloned: GA eins subsequently inhibi) receptors have both pr urotransmitter release the BA(B) receptors inhibit th n to synaptic inhibition, ntiation, slow wave sleep	d GABA(C) receptor at produce fast inhi oupled to G proteir sptors form heteroo d GABA(B)R2 is the NBA(B)R1a is a 130 k t adenyl cylase acti e- and postsynaptic hrough suppressior prough coupled acti GABA(B) receptors i	: The ionotropic bitory synaptic ss that modulate limers of primary G protein D protein and vity and modulate inhibitions: n of high threshold vation of inwardly may also be		
Background Re	eferences	1. Jones, K.A. et al. (200 2. Duthey, B. et al. (200 3. Kaupmann, K. et al. (2) J Biol Chem 277	, 3236-41.				
Species Reactiv	/ity	Species reactivity is det	ermined by testir	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot Buffer IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/ TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				n 5% w/v BSA, 1X				
Applications Ke	≥y	W: Western Blotting IP:	: Immunoprecipit	ation				
Cross-Reactivit	y Key	H: Human M: Mouse R:	Rat					
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