

Datasheet for ABIN6735649
anti-GABBR1 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	GABBR1
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	An 18 AA Peptide sequence near the N-terminus of rat GBR1a (1). The peptide was coupled to KLH.
Isotype:	IgG
Specificity:	The 18 AA rat control peptide is 100 % conserved in human GBR1a (961 aa) and 94 % in alternatively spliced GBR1c (899 aa). No significant homology is detected with GBR1b or GBR2 or other GABA receptors.
Purification:	Immunoaffinity purified

Target Details

Target:	GABBR1
Alternative Name:	GABABR1 / GABBR1 (GABBR1 Products)

Target Details

Background:	Name/Gene ID: GABBR1
	Subfamily: GABA(B)
	Family: GPCR
	Synonyms: GABBR1, DJ271M21.1.1, DJ271M21.1.2, GABA(B) receptor, Gaba-b-r1a, GABA-BR1, Gaba-br1a receptor, GABAB, subunit 1c, GABAB1, GABA-B receptor 1, Gaba-b1, Gababr1 receptor, GPRC3A, Gabab-receptor subunit 1a, GABABR1, GABBR1-3, GBR1, HGB1a, GABA-B-R1, GB1
Gene ID:	2550
UniProt:	Q9UBS5
Pathways:	Positive Regulation of Peptide Hormone Secretion, cAMP Metabolic Process

Application Details

Application Notes:	Approved: ELISA, WB (1 - 10 µg/mL)
	Usage: Suitable for use in ELISA and Western Blot. Western Blot: 1-10 µg/mL using ECL. ELISA: Control peptide can be used to coat ELISA plates at 1 µg/mL and detected with antibody at 0.5-1 µg/mL.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	100 mM Tris, pH 7.5, 0.2 % BSA, 0.05 % sodium azide, 40 % 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 Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.