Datasheet for ABIN571155

anti-GABRG2 antibody (AA 400-410)

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Overview

Quantity:	100 µg
Target:	GABRG2
Binding Specificity:	AA 400-410
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GABRG2 (aa400-410)
Immunogen:	Peptide with sequence C-NNATHLQERDE, from the internal region of the protein sequence according to NP_944494.1, NP_000807.2, NP_944493.2.
Sequence:	NNATHLQERD E
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms: NP_944494.1, NP_000807.2, NP_944493.2. Note the aa numbers used in the name are from NP_944494.1.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Verified

Target Details

Target:	GABRG2
Alternative Name:	GABRG2 (GABRG2 Products)
Background:	GABRG2, gamma-aminobutyric acid (GABA) A receptor, gamma 2, CAE2, ECA2, GEFSP3, gamma-aminobutyric acid A receptor, gamma 2
Gene ID:	2566, 14406, 29709
NCBI Accession:	NP_944494, NP_000807, NP_944493

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Mouse and Rat Brain lysates (calculated MW of 55.1 kDa according to Mouse NP_032099.1 and 54.1 kDa according to Rat NP_899156.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.