Datasheet for ABIN5539828

anti-GABRG2 antibody (N-Term)

1 Image

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Overview

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

Product Details

Purpose:	GABRG2
Sequence:	KSDDDYEDYA SNK
Isotype:	IgG
Specificity:	This antibody is expected to recognize all three reported isoforms (NP_944494.1, NP_000807.2, NP_944493.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

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

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in Rat Brain lysates (calculated MW of 54.0 kDa according to Rat NP_899156.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
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.

Western Blotting

Image 1. ABIN5539828 (2µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.