

Datasheet for ABIN5539829
anti-GABRG2 antibody (AA 384-396)



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1 Image

Overview

Quantity:	100 µg
Target:	GABRG2
Binding Specificity:	AA 384-396
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GABRG2 (aa384-396)
Sequence:	KAPTIDIRPR SAT
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

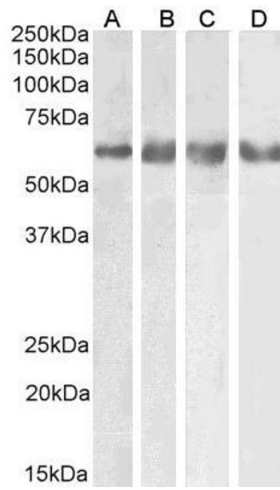
Target:	GABRG2
Alternative Name:	GABRG2 (GABRG2 Products)
Background:	GABRG2, gamma-aminobutyric acid (GABA) A receptor, gamma 2, CAE2, ECA2, GEFSP3, GABA(A) receptor subunit gamma-2, GABA(A) receptor, gamma 2, gamma-aminobutyric acid receptor subunit gamma-2
Gene ID:	2566, 14406, 29709
NCBI Accession: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

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human, Mouse, Rat and Pig Brain lysates (calculated MW of 59.3 kDa according to Human NP_944493.2, 55.0 kDa according to Mouse NP_032099.1, 54.0 kDa according to Rat NP_899156.1 and 55.2 kDa according to Pig XP_0 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.



Western Blotting

Image 1. ABIN5539829 (0.1µg/ml) staining of Human Cerebellum (A), Mouse (B), Rat (C) and Pig (D) Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.