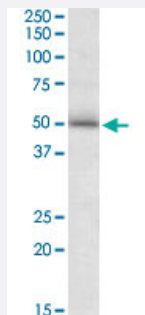


GABRG2 polyclonal antibody

Catalog # PAB18556 Size 100 ug

Applications



Western Blot (Tissue lysate)

GABRG2 polyclonal antibody (Cat # PAB18556) (2 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GABRG2.
Immunogen	A synthetic peptide corresponding to amino acids 400-410 at internal region of human GABRG2.
Sequence	C-NNATHLQERDE
Host	Goat
Theoretical MW (kDa)	50
Reactivity	Mouse, Rat
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.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

GABRG2 polyclonal antibody (Cat # PAB18556) (2 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GABRG2

Entrez GeneID	2566
Protein Accession#	NP_944494.1 ; NP_000807.2 ; NP_944493.2
Gene Name	GABRG2
Gene Alias	CAE2, ECA2, GEFSP3
Gene Description	gamma-aminobutyric acid (GABA) A receptor, gamma 2
Omim ID	137164 604233 607208 607681
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain, where it acts at GABA-A receptors, which are ligand-gated chloride channels. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	gamma-aminobutyric acid A receptor, gamma 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cues](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Dystonic Disorders](#)
- [Epilepsies](#)
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- [Schizophrenia](#)
- [Seizures](#)