

Rabbit GABRG2 Polyclonal Antibody | anti-GABRG2 antibody

GABRG2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285014	Rabbit	Human, mouse (Predicted Reactivity: Rat, Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GABRG2; Polyclonal Antibody; GABRG2 Antibody (Center); Gamma-aminobutyric acid receptor subunit gamma-2; GABA(A) receptor subunit gamma-2; anti-GABRG2 antibody

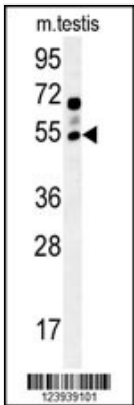
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat, Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GABRG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-224 amino acids from the Central region of human GABRG2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	198-224
Sequence Length	515
Applicable Applications for anti-GABRG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GABRG2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GABRG2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GABRG2 Antibody (Center) western blot analysis in mouse testis tissue lysates (15ug/lane).This demonstrates the GABRG2 antibody detected GABRG2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GABRG2 antibody	This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammlian 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.
Product Categories/Family for anti-GABRG2 antibody	Neuroscience
References	Green, E.K., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (7), 1347-1349 (2010) : Jansen, L.A., et al. Epilepsia 51(8):1456-1467(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) : Shi, X., et al. J. Hum. Genet. 55(6):375-378(2010) Kumari, R., et al. Seizure 19(4):237-241(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38788135
NCBI GeneID	2566
NCBI Accession #	NP_000807.2; NP_944493.2; NP_944494.1
NCBI GenBank Nucleotide #	NM_000816.3
UniProt Accession #	P18507; Q6GRL6; Q6PCC3; Q9UDB3; Q9UN15; F5HB82
Molecular Weight	54162
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit gamma-2 isoform 2
NCBI Official Synonym Full Names	gamma-aminobutyric acid (GABA) A receptor, gamma 2
NCBI Official Symbol	GABRG2
NCBI Official Synonym Symbols	CAE2; ECA2; GEFSP3
NCBI Protein Information	gamma-aminobutyric acid receptor subunit gamma-2

UniProt Protein Name	Gamma-aminobutyric acid receptor subunit gamma-2
UniProt Gene Name	GABRG2
UniProt Entry Name	GBRG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gabrg2-antibody-immunohistochemistry-western-blot-elisa/285014>