

Rabbit GABA A Receptor gamma2 Polyclonal Antibody | anti-GABAA antibody

GABA A Receptor gamma2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318908	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GABA A Receptor gamma2; Polyclonal Antibody; GABA A Receptor gamma2 Rabbit Polyclonal Antibody; Gamma-aminobutyric acid receptor subunit gamma-2 (GABA (A) receptor subunit gamma-2); YM3554; BH6842; anti-GABAA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	GABA A Receptor gamma2 protein (A229) detects endogenous levels of GABA A Receptor gamma2
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GABAA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of GABA A Receptor gamma2
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with GABA A Receptor ?2 Rabbit pAb diluted at 1:2,000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using GABA A Receptor ?2 Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using GABA A Receptor ?2 Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-GABAA antibody	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, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116242488
NCBI GeneID	2566
UniProt Accession #	P18507; Q6GRL6; Q6PCC3; Q9UDB3; Q9UN15; F5HB82
Molecular Weight	467
NCBI Official Full Name	Gamma-aminobutyric acid receptor subunit gamma-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; GABA(A) receptor, gamma 2; GABA(A) 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.