Rabbit GABA A alpha 5 Monoclonal Antibody | anti-GABRA5 antibody

GABA A Receptor alpha 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312608	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

GABA A alpha 5; Monoclonal Antibody; GABA A Receptor alpha 5 Antibody; GAA 5 antibody; GAA5 antibody; GABA (A) receptor subunit alpha-5 antibody; GABRA 5 antibody; Gabra5 antibody; Gamma aminobutyric acid GABA A receptor alpha 5 antibody; Gamma aminobutyric acid GABA A receptor alpha 5 precursor antibody; Gamma aminobutyric acid receptor alpha 5 subunit precursor GABA A receptor antibody; Gamma-aminobutyric acid receptor subunit alpha-5 antibody; GBRA5_HUMAN antibody; GC138184 antibody; anti-GABRA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JB34-19
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GABRA5 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

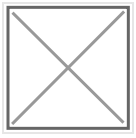
IMAGES

ICC (Immunocytochemistry)
ICC staining GABA A Receptor alpha 5 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ICC (Immunocytochemistry)
ICC staining GABA A Receptor alpha 5 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ICC (Immunocytochemistry)
ICC staining GABA A Receptor alpha 5 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-GABA A Receptor alpha 5 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-GABA A Receptor alpha 5 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-GABRA5 antibody	GAD-65 and GAD-67, glutamate decarboxylases, function to catalyze the production of GABA (gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl- conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct. Members of the GABAA receptor family include GABAA Ralpha1-6, GABAA R beta 1-3, GABAA Rgamma1-3, GABAA Rdelta , GABAA Repsilon, GABAA R1 and GABAA R2. The GABAB family is composed of GABAB R1alpha and GABAB R1beta . GABA transporters have also been identified and include GABA T-1, GABA T-2 and GABA T-3 (also designated GAT-1, -2, and -3). The GABA transporters function to terminate GABA action.
Product Categories/Family for anti-GABRA5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	259013560
NCBI GeneID	2558
NCBI Accession #	NP_001158509.1
NCBI GenBank Nucleotide #	NM_001165037.1
UniProt Accession #	P31644; Q14DC2; Q53XL6; Q9NYT3; Q9NYT4; Q9NYT5; A8K338; AAB22608
Molecular Weight	52,146 Da
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-5
NCBI Official Synonym Full Names	gamma-aminobutyric acid (GABA) A receptor, alpha 5
NCBI Official Symbol	GABRA5
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-5; GABA(A) receptor subunit alpha-5
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-5
UniProt Gene Name	**GABRA5**
UniProt Entry Name	GBRA5_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://stage.aaabiotech.com/monoclonal/gaba-a-alpha-5-antibody-clone-jb34-19-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312608