Rabbit GABA A Receptor alpha2 Polyclonal Antibody | anti-GABRA2 antibody

GABA A Receptor alpha2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173787	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

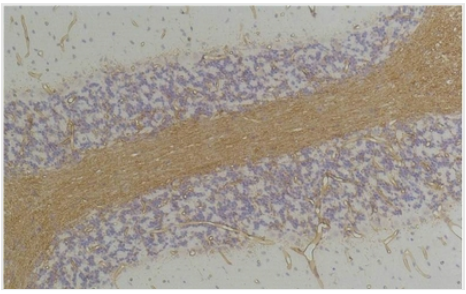
PRODUCT SYNONYMS

GABA A Receptor alpha2; Polyclonal Antibody; GABA A Receptor alpha2 Polyclonal Antibody; anti-GABRA2 antibody

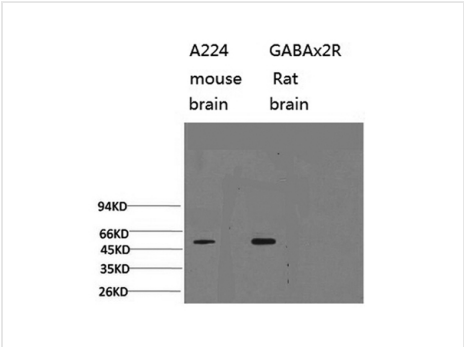
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	451
Applicable Applications for anti-GABRA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Rat brain tissue using GABA A Receptor alpha2 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)
Western Blot analysis of 1) Mouse brain, 2)Rat brain using GABA A Receptor alpha2 Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-GABRA2 antibody	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	167000751
NCBI GeneID	2555
NCBI Accession #	NP_000798.2
NCBI GenBank Nucleotide #	NM_000807.3
UniProt Accession #	P47869; Q59G14; A8K0U7; B7Z1H8
Molecular Weight	51kDa
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-2 isoform a
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor alpha2 subunit
NCBI Official Symbol	GABRA2
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-2
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-2
UniProt Gene Name	**GABRA2**

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/gaba-a-receptor-alpha2-antibody-immunohistochemistry-western-blot-elisa/173787