Rabbit GABRA3 Polyclonal Antibody | anti-GABRA3 antibody

GABRA3 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225828	**Rabbit**	**Immunohistochemistry, Western Blot**

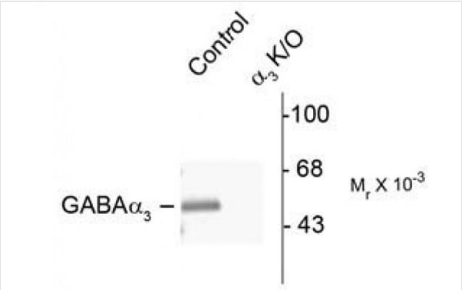
PRODUCT SYNONYMS

GABRA3; Polyclonal Antibody; GABRA3 Antibody; Rabbit Polyclonal GABRA3 Antibody; Polyclonal GABRA3 antibody; Anti-GABRA3 antibody; GABRA 3 antibody; GABRA-3 antibody; Gamma-Aminobutyric Acid antibody; Gaba A Receptor Alpha 3 antibody; anti-GABRA3 antibody

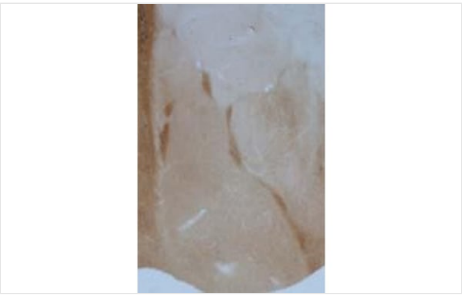
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in liquid form in 10 mM HEPES buffer (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% Glycerol
Sequence Length	492
Applicable Applications for anti-GABRA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)

IMAGES



WB (Western Blot)
Western blot of mousebrain lysates from wild type (Control) and a-knockout (aK/O) animals showing specific immunolabeling of 53k subunit of GABRA3



IHC (Immunohistochemistry)
Immunohistochemical staining of rat amygdala showing labeling of GABRA3 subunit

ADDITIONAL INFORMATION

Related Product Information for anti-GABRA3 antibody	GABAA receptors are members of the cys-loop family of ligand-gated ion channels, responsible for mediating the inhibitory effects of GABA alongside GABAB and GABAC receptors. They are pentameric proteins, consisting of 5 subunits belonging to different families (alpha1-6, beta1-3, gamma1-3, delta, pi, epsilon, rho, theta). The most abundant GABAA receptor in the mammalian brain consist of two copies each of alpha1 and beta2 with a single gamma2 subunits. GABAA receptors contain an integral chloride channel, and have modulatory sites for benzodiazepines, barbiturates, neurosteroids and ethanol.
Product Categories/Family for anti-GABRA3 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557603

NCBI GeneID	2556
NCBI GenBank Nucleotide #	NP_000799.1
UniProt Accession #	P34903
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-3
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor alpha3 subunit
NCBI Official Symbol	GABRA3
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-3
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-3
UniProt Gene Name	**GABRA3**
UniProt Entry Name	GBRA3_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/polyclonal/gabra3-antibody-immunohistochemistry-western-blot-elisa/225828