

Rabbit anti-Human GABRA4 Polyclonal Antibody | anti-GABRA4 antibody

GABRA4 Antibody (Center)

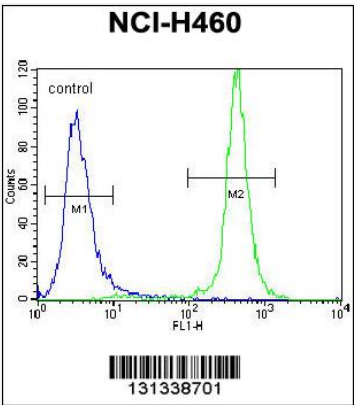
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285532	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

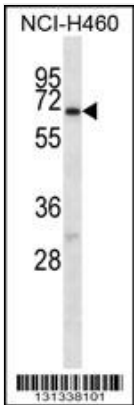
GABRA4; Polyclonal Antibody; GABRA4 Antibody (Center); Gamma-aminobutyric acid receptor subunit alpha-4; GABA(A) receptor subunit alpha-4; anti-GABRA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GABRA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-361 amino acids from the Central region of human GABRA4.
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: 0.38 (varies by lot)
Sequence Positions	333-361
Sequence Length	554
Applicable Applications for anti-GABRA4 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
GABRA4 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
GABRA4 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the GABRA4 antibody detected the GABRA4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GABRA4 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.
Product Categories/Family for anti-GABRA4 antibody	Neuroscience
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Tabakoff, B., et al. BMC Biol. 7, 70 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452723
NCBI GeneID	2557
NCBI Accession #	NP_000800.2; NP_001191195.1; NP_001191196.1
NCBI GenBank Nucleotide #	NM_000809.3
UniProt Accession #	P48169; Q8IYR7
Molecular Weight	61623
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-4 isoform 1
NCBI Official Synonym Full Names	gamma-aminobutyric acid (GABA) A receptor, alpha 4
NCBI Official Symbol	GABRA4
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-4
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-4
UniProt Gene Name	GABRA4
UniProt Entry Name	GBRA4_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/gabra4-antibody-flow-cytometry-western-blot-elisa/285532>