

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

GABRD Antibody (Center)

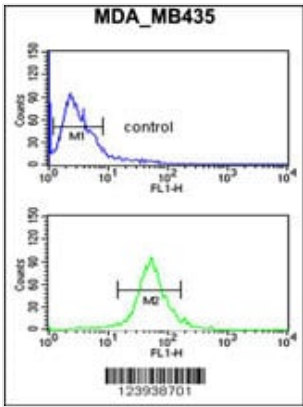
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286359	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

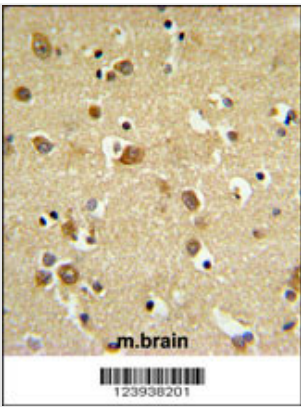
GABRD; Polyclonal Antibody; GABRD Antibody (Center); Gamma-aminobutyric acid receptor subunit delta; GABA(A) receptor subunit delta; anti-GABRD antibody

PRODUCT SPECIFICATIONS

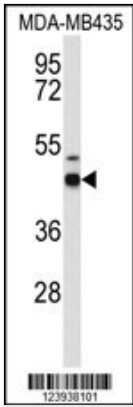
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GABRD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-358 amino acids from the Central region of human GABRD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.5 (varies by lot)
Sequence Positions	331-358
Sequence Length	452
Applicable Applications for anti-GABRD antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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)
GABRD Antibody (Center) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
GABRD Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GABRD Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of GABRD Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane). GABRD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GABRD antibody	GABRD 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. The GABA-A receptor is generally pentameric and there are five types of subunits: alpha, beta, gamma, delta, and rho. This protein encodes the delta subunit.
Product Categories/Family for anti-GABRD antibody	Neuroscience
References	Gratacos,M., et.al., Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) Maldonado-Aviles,J.G., et.al., Am J Psychiatry 166 (4), 450-459 (2009) Tabakoff,B., et.al., BMC Biol. 7, 70 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34734071
NCBI GeneID	2563
NCBI Accession #	NP_000806.2
NCBI GenBank Nucleotide #	NM_000815.4
UniProt Accession #	O14764; Q8N4N9

Molecular Weight	50708
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit delta
NCBI Official Synonym Full Names	gamma-aminobutyric acid (GABA) A receptor, delta
NCBI Official Symbol	GABRD
NCBI Official Synonym Symbols	EJM7; EIG10; GEFSP5
NCBI Protein Information	gamma-aminobutyric acid receptor subunit delta
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit delta
UniProt Gene Name	GABRD
UniProt Entry Name	GBRD_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/gabrd-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286359>