

Rabbit GABRB3 Polyclonal Antibody | anti-GABRB3 antibody

GABRB3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197961	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GABRB3; Polyclonal Antibody; GABRB3 antibody - middle region; anti-GABRB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ES YGYTTDDIEF YWRGGDKAVT GVERIELPQF SIVEHRLVSR NVVFATGA
Sequence Length	473
Applicable Applications for anti-GABRB3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GABRB3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GABRB3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Liver


IHC (Immunohistochemistry)

Immunohistochemistry with Lung tissue at an antibody concentration of 5ug/ml using anti-GABRB3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GABRB3 antibody	This is a rabbit polyclonal antibody against GABRB3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GABRB3 is a member of the ligand-gated ionic channel family. GABRB3 is one of at least 13 distinct subunits of a multisubunit chloride channel that serves as the receptor for gamma-aminobutyric acid, the major inhibitory transmitter of the nervous system. Mutations in this gene may be associated with the pathogenesis of Angelman syndrome, Prader-Willi syndrome, and autism. This gene encodes a member of the ligand-gated ionic channel family. The encoded protein is one of at least 13 distinct subunits of a multisubunit chloride channel that serves as the receptor for gamma-aminobutyric acid, the major inhibitory transmitter of the nervous system. This gene is located on the long arm of chromosome 15 in a cluster with two genes encoding related subunits of the family. Mutations in this gene may be associated with the pathogenesis of Angelman syndrome, Prader-Willi syndrome, and autism. Alternatively spliced transcript variants encoding isoforms with distinct signal peptides have been described.
Product Categories/Family for anti-GABRB3 antibody	Polyclonal; Ion Channel; Signal Proteins; Membrane Protein; Disease Related; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	12548788
NCBI GeneID	2562
NCBI Accession #	NP_068712
NCBI GenBank Nucleotide #	NM_021912
UniProt Accession #	P28472
Molecular Weight	52kDa
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit beta-3 isoform 2
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor beta3 subunit
NCBI Official Symbol	GABRB3
NCBI Official Synonym Symbols	ECA5; EIEE43
NCBI Protein Information	gamma-aminobutyric acid receptor subunit beta-3
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit beta-3
UniProt Gene Name	GABRB3
UniProt Entry Name	GBRB3_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/gabrb3-antibody-western-blot-immunohistochemistry-elisa/197961>