

GABA-RB Antibody | anti-GABA-RB antibody

GABA-RB (Phospho-Ser434) Antibody

CATALOG # AAA267317	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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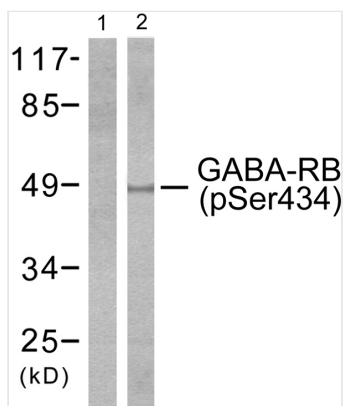
PRODUCT SYNONYMS

GABA-RB; GABA-RB (Phospho-Ser434) Antibody; GABA(A) receptor; GABA(A)R beta-1; GBRB1; Gamma-aminobutyric-acid receptor beta-1 subunit precursor; anti-GABA-RB antibody

PRODUCT SPECIFICATIONS

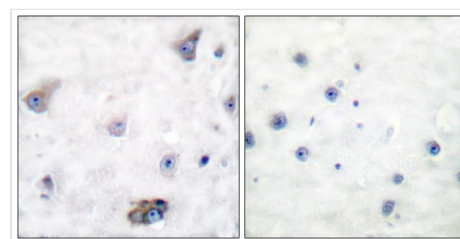
Reactivity	Human, Mouse, Rat
Specificity	GABA-RB (phospho-Ser434) antibody detects endogenous levels of GABA-RB only when phosphorylated at serine 434.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	474
Applicable Applications for anti-GABA-RB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GABA-RB around the phosphorylation site of serine 434 (R-A-SP-Q-L).
All Sites	Human: Ser434 Mouse: Ser434 Rat: Ser434
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from cos7 cells, using GABA-RB (phospho-Ser434) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using GABA-RB (phospho-Ser434) antibody.

ADDITIONAL INFORMATION

References	Robnet T. Kerns, J. Neurosci., Mar 2005; 25: 2255-2266. Masaru Moriyama, Mol. Cancer Ther., Feb 2003; 2: 199. Jan A. Gorter J. Neurosci., Oct 2006; 26: 11083-11110. Fraser J. Sim J. Neurosci., Nov 2006; 26: 12544-12555.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097327
NCBI GeneID	2560
NCBI Accession #	NP_000803.2
NCBI GenBank Nucleotide #	NM_000812.3
UniProt Accession #	P18505; Q16166; Q8TBK3; B2R6U7; D6REL3
Molecular Weight	10,151 Da
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit beta-1
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor beta1 subunit
NCBI Official Symbol	GABRB1
NCBI Official Synonym Symbols	EIEE45
NCBI Protein Information	gamma-aminobutyric acid receptor subunit beta-1
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit beta-1
UniProt Gene Name	GABRB1

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/human-mouse-rat-antibody/gaba-rb/267317>