

Rabbit anti-Human Gamma-aminobutyric acid receptor-associated protein Polyclonal Antibody | anti-GABARAP antibody

Rabbit anti-human Gamma-aminobutyric acid receptor-associated protein polyclonal Antibody, Biotin conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81447	Rabbit	Human	ELISA

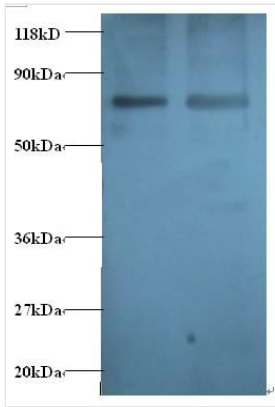
PRODUCT SYNONYMS

Gamma-aminobutyric acid receptor-associated protein; Polyclonal Antibody; Rabbit anti-human Gamma-aminobutyric acid receptor-associated protein polyclonal Antibody; Biotin conjugated; anti-GABARAP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation
Sequence Length	117
Applicable Applications for anti-GABARAP antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human Gamma-aminobutyric acid receptor-associated protein protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9189 / sc-9190 / sc-28938
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western blot All lanes: Casein kinase II subunit beta antibody at at 2 /mLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysate SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size: 13 kDa Observed band size: 80 kDa Why is the actual band size different from the predicted Western blotting is a technique that separates proteins based on size - in general, the smaller the protein the faster it migrates through the gel. However, migration is also affected by other factors and so the actual band size observed may differ from that predicted. Common factors include... · post-translational modification - e.g. phosphorylation, glycosylation etc which increases the size of the protein · post-translation cleavage - e.g. many proteins are synthesized as pro-proteins, and then cleaved to give the active form, e.g. pro-caspases · splice variants - alternative splicing may create different sized proteins from the same gene · relative charge - the composition of amino acids (charged vs non-charged) multimers - e.g. dimerisation of a protein. This is usually prevented in reducing conditions, although strong interactions can result in the appearance of higher bands.

ADDITIONAL INFORMATION

Related Product Information for anti-GABARAP antibody	May play a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005764
NCBI GeneID	11337
NCBI Accession #	NP_009209.1
NCBI GenBank Nucleotide #	NM_007278.1
UniProt Accession #	O95166
Molecular Weight	13,918 Da
NCBI Official Full Name	gamma-aminobutyric acid receptor-associated protein
NCBI Official Synonym Full Names	GABA(A) receptor-associated protein
NCBI Official Symbol	GABARAP
NCBI Official Synonym Symbols	MM46; ATG8A; GABARAP-a
NCBI Protein Information	gamma-aminobutyric acid receptor-associated protein
UniProt Protein Name	Gamma-aminobutyric acid receptor-associated protein
UniProt Gene Name	GABARAP
UniProt Synonym Gene Names	FLC3B
UniProt Entry Name	GBRAP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gamma-aminobutyric-acid-receptor-associated-protein-antibody-elisa/81447>