

Rabbit GABARAP Polyclonal Antibody | anti-GABARAP antibody

GABARAP antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200143	Rabbit	Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested Species Reactivity: Human	Immunohistochemistry, Western Blot

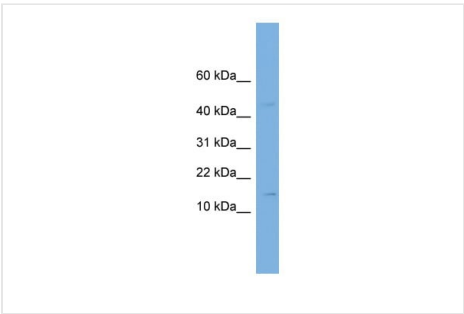
PRODUCT SYNONYMS

GABARAP; Polyclonal Antibody; GABARAP antibody - N-terminal region; anti-GABARAP antibody

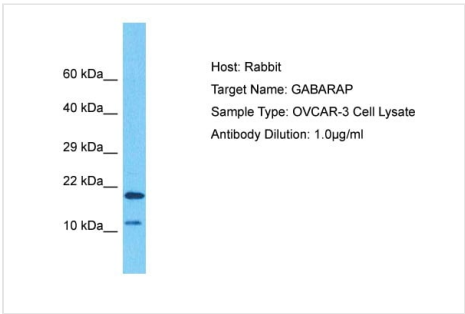
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested Species Reactivity: Human
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.
Concentration	Batch dependent within range: 100 ul at 0.5- 1mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: IRKKYPDRVPVI VEKAPKARIG DLDKKKYLVP SDLTVGQFYF LIRKRIHL
Sequence Length	117
Applicable Applications for anti-GABARAP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GABARAP
Protein Interactions	MUL1; UBC; SQSTM1; TAX1BP1; NBR1; ATG101; ATG13; SRPK2; SRPK1; MAPK15; MLH1; BNIP3L; KATNB1; RB1CC1; ULK2; ULK1; OPTN; TBC1D25; DVL2; ATG7; FKBP4; MAP1LC3C; DYX1C1; NCOA7; MAP1LC3B; TBC1D15; ATG3; PI4K2A; ANKFY1; GABARAPL1; ATG4B; FBNP1; GABARAPL2; TECPR2
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.

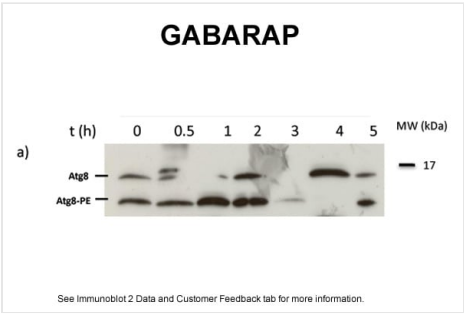
IMAGES



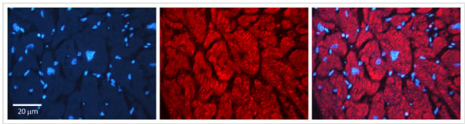
WB (Western Blot)
WB Suggested Anti-GABARAP Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HT1080 cell lysate
GABARAP is supported by BioGPS gene expression data to be expressed in HT1080



WB (Western Blot)
Host: Rabbit
Target Name: GABARAP
Sample Tissue: Human OVCAR-3 Whole Cell
Antibody Dilution: 1ug/ml



WB (Western Blot)
Sample Type: Manduca sexta
Autophagy is induced by starvation
Sample: Newborn M. sexta larvae
Lanes: Newborn larvae were treated for 0, 0.5, 1, 2, 3, 4, and 5 h
Protein Loaded: 100 ug per lane
Submitted by: Dra. Helena Porta Ducoing, Instituto de Biotecnologia, UNAM



IHC (Immunohistochemistry)
Rabbit Anti-GABARAP Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GABARAP antibody	This is a rabbit polyclonal antibody against GABARAP. It was validated on Western Blot Target Description: Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. GABA(A) receptor-associated protein (GABARAP) is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.
Product Categories/Family for anti-GABARAP antibody	Polyclonal; Cell Biology; Developmental Biology; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005764
NCBI GeneID	11337
NCBI Accession #	NP_009209
NCBI GenBank Nucleotide #	NM_007278
UniProt Accession #	O95166
Molecular Weight	14kDa
NCBI Official Full Name	gamma-aminobutyric acid receptor-associated protein
NCBI Official Synonym Full Names	GABA type 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gabarap-antibody-immunohistochemistry-western-blot-elisa/200143>