

Rabbit anti-Human, mouse GAL Polyclonal Antibody | anti-GAL antibody

GAL Antibody (C-term)

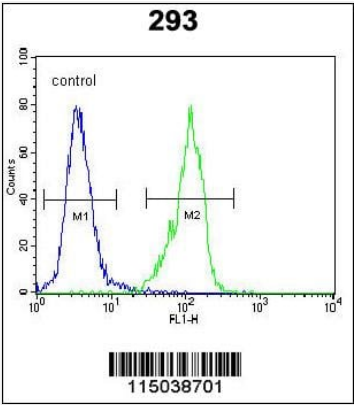
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290126	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

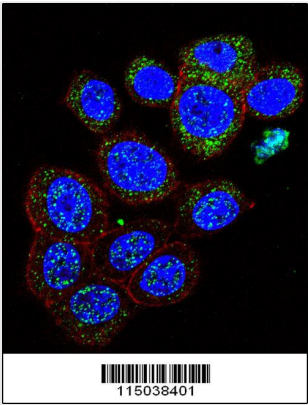
GAL; Polyclonal Antibody; GAL Antibody (C-term); Galanin peptides; Galanin; Galanin message-associated peptide; GMAP; GAL1; GALN; GLNN; anti-GAL antibody

PRODUCT SPECIFICATIONS

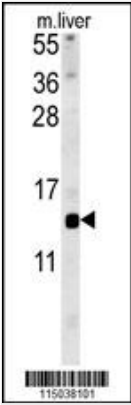
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GAL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 73-101 amino acids from the C-terminal region of human GAL.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	73-101
Sequence Length	123
Applicable Applications for anti-GAL antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), 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)
GAL Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of GAL Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
GAL Antibody (C-term) western blot analysis in mouse liver tissue lysates (15ug/lane).This demonstrates the GAL antibody detected GAL protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GAL antibody	Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).
Product Categories/Family for anti-GAL antibody	Cardiovascular; Metabolism; Neuroscience; Signal Transduction
References	Unschuld, P.G., et al. Neuropsychopharmacology (2010) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) Sugimoto, T., et al. Genes Chromosomes Cancer 48(2):132-142(2009) Burleigh, D.E., et al. Neuropeptides 16(2):77-82(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27804313
NCBI GeneID	51083
NCBI Accession #	NP_057057.2
NCBI GenBank Nucleotide #	NM_015973.3
UniProt Accession #	P22466; Q14413

Molecular Weight	13302
NCBI Official Full Name	galanin peptides preproprotein
NCBI Official Synonym Full Names	galanin/GMAP prepropeptide
NCBI Official Symbol	GAL
NCBI Official Synonym Symbols	GALN; GLNN; GMAP; GAL-GMAP
NCBI Protein Information	galanin peptides
UniProt Protein Name	Galanin peptides
UniProt Gene Name	GAL
UniProt Synonym Gene Names	GAL1; GALN; GLNN; GMAP
UniProt Entry Name	GALA_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/gal-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/290126>