GAL rabbit monoclonal antibody

Catalog # H00051083-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GAL peptide using ARM Technology.
Immunogen	A synthetic peptide of human GAL is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GAL peptide by ELISA and mammalian transfected lysate by West ern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GAL

Entrez GeneID	51083
GeneBank Accession#	GAL
Gene Name	GAL
Gene Alias	GALN, GLNN, GMAP, MGC40167
Gene Description	galanin prepropeptide
Omim ID	137035
Gene Ontology	Hyperlink
Gene Summary	Galanin is small neuropeptide that functions as a cellular messenger within the central and periph eral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18 500643]).[supplied by OMIM
Other Designations	galanin|galanin-message-associated peptide|galanin-related peptide

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Alcoholism
- Alzheimer Disease
- Anorexia Nervosa
- Asthma
- Bulimia
- Cardiovascular Diseases
- Depressive Disorder

- Diabetes Mellitus
- Disease Models
- Edema
- Genetic Predisposition to Disease
- Heroin Dependence
- Hypercholesterolemia
- Hyperlipidemias
- Mental Disorders
- Obesity
- Panic Disorder