

Rabbit GALR2 Polyclonal Antibody | anti-GALR2 antibody

GALR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325551	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GALR2; Polyclonal Antibody; GALR2 Antibody; GAL2-R; GAL2R; Galanin receptor 2; Galanin receptor type 2; GALNR2; GALR-2; GALR2_HUMAN; MGC125983; MGC125984; anti-GALR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GALR2 antibody detects endogenous levels of total GALR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-GALR2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest expression was observed in heart, kidney, liver, and small intestine.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (91%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from RAW264.7 cells, using GALR2 antibody.



IF (Immunofluorescence)
AAA325551 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GALR2 antibody	Function: Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)). Similarity: Belongs to the G-protein coupled receptor 1 family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503905
NCBI GeneID	8811
NCBI Accession #	NP_003848.1
NCBI GenBank Nucleotide #	NM_003857.3
UniProt Accession #	O43603; Q32MN8; A5JUU4
Molecular Weight	Observed: 42 kD Predicted: 42 kDa
NCBI Official Full Name	galanin receptor type 2
NCBI Official Synonym Full Names	galanin receptor 2
NCBI Official Symbol	GALR2
NCBI Official Synonym Symbols	GAL2-R; GALNR2; GALR-2
NCBI Protein Information	galanin receptor type 2
UniProt Protein Name	Galanin receptor type 2
UniProt Gene Name	GALR2
UniProt Synonym Gene Names	GALNR2; GAL2-R; GALR-2

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/galr2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325551>