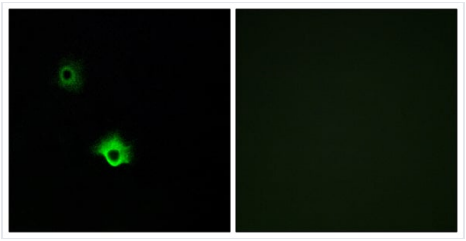
# GALR3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | GALR3, Polyclonal Antibody |
| **Full Product Name** | GALR3 Antibody |
| **Product Gene Name** | anti-GALR3 antibody |
| **Product Synonym Names** | Galanin receptor type 3; GAL3-R; GALR3; GALR3; GALNR3 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Purity/Purification** | Purified from rabbit antiserum by affinity-chromatography using immunogen. |
| **Concentration** | 1 mg/ml (lot specific) |
| **Specificity** | GALR3 Antibody detects endogenous levels of total GALR3 protein. |
| **Preparation and Storage** | Stable at -20 degree C for at least 1 year. |
| **Molecular Weight** | 39 kDa |
| **OMIM** | AF073799 mRNA |
| **3D Structure** | ModBase 3D Structure for O60755 |
| **Target Modification** | Unmodified/Total |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human GALR3. |
| **Immunogen Range** | 291-340 |
| **Applications Tested/Suitable for anti-GALR3 antibody** | Immunofluorescence (IF), ELISA (EIA) |
| **Application Notes for anti-GALR3 antibody** | IF: 1:100~1:500<br>ELISA: 1:40000 |
| **Related Product Information for anti-GALR3 antibody** | MBS9508008 is an antibody targeting GALR3. Also known as GALR3 Antibody. Reactive in Human. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-GALR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |



**Immunofluorescence (IF) of anti-GALR3 antibody**
Immunofluorescence analysis of A549 cells, using GALR3 Antibody. The picture on the right is blocked with the synthesized peptide.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GALR3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 4503907 |
| **NCBI GeneID** | 8484 |
| **NCBI Accession #** | NP_003605.1 |
| **UniProt Primary Accession #** | O60755 |
| **UniProt Secondary Accession #** | Q53YJ4 |
| **UniProt Related Accession #** | O60755 |
| **GenBank Nucleotide #** | NM_003614.1 |
| **NCBI Official Full Name** | galanin receptor type 3 |
| **NCBI Official Synonym Full Names** | galanin receptor 3 |
| **NCBI Official Symbol** | GALR3 |
| **UniProt Protein Name** | Galanin receptor type 3 |
| **Protein Family** | Galanin receptor |
| **UniProt Gene Name** | GALR3 |
| **UniProt Synonym Gene Names** | GALNR3; GAL3-R; GALR-3 |
| **NCBI Protein Information** | galanin receptor type 3 |
| **NCBI Summary for GALR3** | The neuropeptide galanin modulates a variety of physiologic processes including cognition/memory, sensory/pain processing, hormone secretion, and feeding behavior. The human galanin receptors are G protein-coupled receptors that functionally couple to their intracellular effector through distinct signaling pathways. GALR3 is found in many tissues and may be expressed as 1.4-, 2.4-, and 5-kb transcripts [provided by RefSeq, Jul 2008] |
| **UniProt Comments for GALR3** | Receptor for the hormone galanin (PubMed:25691535). Receptor for the hormone spexin-1 (PubMed:24517231). |
| **Research Articles on GALR3** | **1.** Data from ligand-receptor interaction studies suggest that human spexin-1 and zebrafish spexin-2 activate galanin receptors GALR2/GALR3 (but not GALR1); thus spexins appear to be natural ligands for human/Xenopus/zebrafish GALR2/GALR3. |
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