# Galectin 4 (GAL4) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Galectin 4 (GAL4), Polyclonal Antibody |
| **Full Product Name** | FITC-Linked Polyclonal Antibody to Galectin 4 (GAL4) |
| **Product Gene Name** | anti-GAL4 antibody |
| **Product Synonym Names** | LGALS4; Lactose-Binding Lectin 4; L-36 Lactose-Binding Protein; L36LBP; Lectin, Galactoside-Binding Soluble 4 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Bovine |
| **Concentration** | 500ug/ml (lot specific) |
| **Matching Pairs** | Unconjugated Antibody: GAL4 (MBS2032211)<br>FITC Conjugated Antibody: GAL4 (MBS2040801) |
| **Matching Pairs** | FITC Conjugated Antibody: GAL4 (MBS2040801)<br>Immunogen: GAL4 (MBS2033332) |
| **Molecular Weight** | 35,941 Da |
| **OMIM** | AB006781 mRNA |
| **3D Structure** | ModBase 3D Structure for P56470 |
| **Supply Chain Verification** | Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire. |
| **Immunogen** | GAL4 (Met1~Ile332) |
| **Conjugation** | FITC |
| **Cross Reactivity** | Bovine |
| **Unconjugated Antibody** | The unconjugated antibody version of this item is also available as catalog #MBS2032211 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory. |
| **Applications Tested/Suitable for anti-GAL4 antibody** | Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA) |
| **Related Product Information for anti-GAL4 antibody** | MBS2040801 is an antibody targeting GAL4. Also known as FITC-Linked Polyclonal Antibody to Galectin 4 (GAL4). Reactive in Bovine. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-GAL4 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. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GAL4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 5453712 |
| **NCBI GeneID** | 3960 |
| **NCBI Accession #** | NP_006140.1 |

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| **UniProt Primary Accession #** | P56470 |
| **UniProt Related Accession #** | P56470 |
| **GenBank Nucleotide #** | NM_006149.3 |
| **NCBI Official Full Name** | galectin-4 |
| **NCBI Official Synonym Full Names** | galectin 4 |
| **NCBI Official Symbol** | LGALS4 |
| **NCBI Official Synonym Symbols** | GAL4; L36LBP |
| **UniProt Protein Name** | Galectin-4 |
| **UniProt Synonym Protein Names** | Antigen NY-CO-27; L-36 lactose-binding protein; L36LBP; Lactose-binding lectin 4 |
| **Protein Family** | Gallinacin |
| **UniProt Gene Name** | LGALS4 |
| **UniProt Synonym Gene Names** | Gal-4; L36LBP |
| **NCBI Protein Information** | galectin-4 |
| **NCBI Summary for GAL4** | The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for GAL4** | galectin-4: Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.<br><br>Chromosomal Location of Human Ortholog: 19q13.2<br><br>Cellular Component: cytosol; plasma membrane<br><br>Biological Process: cell adhesion |
| **Research Articles on GAL4** | **1.** The integrative analysis of galectins(Gal-1, -3, -4, -9) discriminated IBD from other intestinal inflammatory conditions and could be used as potential mucosal biomarker |
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