Rabbit anti-Human, Mouse Galectin 3 Polyclonal Antibody | anti-LGALS3 antibody

Galectin 3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177046	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

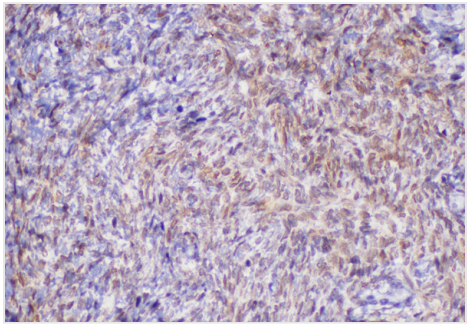
PRODUCT SYNONYMS

Galectin 3; Polyclonal Antibody; Galectin 3 Polyclonal Antibody; 35 kDa lectin; Carbohydrate binding protein 35; Carbohydrate-binding protein 35; CBP 35; CBP35; Gal-3; GAL3; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; Galectin 3 internal gene; included; Galectin-3; Galectin3; GALIG; GBP; IgE binding protein; IgE-binding protein; L 31; L 34; L-31; L-34 galactoside-binding lectin; L31; Laminin-binding protein; Lectin L-29; Lectin; galactose binding; soluble 3; LEG3; LGALS2; LGALS3; MAC 2 antigen; Mac-2; Mac-2 antigen; MAC2; Macrophage galactose-specific lectin; MGC105387; anti-LGALS3 antibody

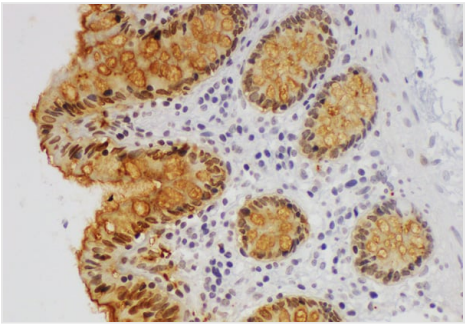
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3
Concentration	0.25mg/mL (varies by lot)
Applicable Applications for anti-LGALS3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Galectin-3 protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

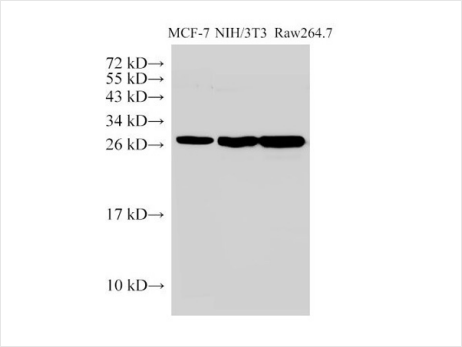
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human ovary using Galectin 3 Ployclonal Antibody at dilution of 1:50.



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colon using Galectin 3 Ployclonal Antibody at dilution of 1:50.



WB (Western Blot)
Western Blot analysis of 1)MCF-7, 2)NIH/3T3, 3)Raw264.7 using Galectin 3 Ployclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for beta-galactose-containing oligosac-charides. Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell, being present on the cell surface or in the extracellular space. Galectin-3 is involved in various biological processes including cell growth, adhesion, differentiation, apoptosis, angiogenesis, immune response, neoplastic transformation and metastasis.
Product Categories/Family for anti-LGALS3 antibody	Cell Biology; Epigenetics and Nuclear Signaling; Stem Cells; Cancer; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430223
NCBI GeneID	3958
NCBI Accession #	NP_002297.2
NCBI GenBank Nucleotide #	NM_002306.3
UniProt Accession #	P17931; Q16005; Q6IBA7; Q96J47; B2RC38
Molecular Weight	26,152 Da
NCBI Official Full Name	galectin-3 isoform 1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
NCBI Protein Information	galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35
UniProt Protein Name	Galectin-3
UniProt Gene Name	**LGALS3**
UniProt Synonym Gene Names	MAC2; Gal-3; CBP 35; GALBP
UniProt Entry Name	LEG3_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.