

Rabbit anti-Human, Mouse LGALS3BP Polyclonal Antibody | anti-LGALS3BP antibody

LGALS3BP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322906	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LGALS3BP; Polyclonal Antibody; LGALS3BP Antibody; 90K; 90K MAC 2 BP; Basement membrane autoantigen p105; BTBD17B; Galectin 3 binding protein; Galectin-3-binding protein; L3 antigen; Lectin galactoside binding soluble 3 binding protein; Lectin galactoside-binding soluble 3-binding protein; LG3BP_HUMAN; M2BP; Mac 2 binding protein; Mac 2 BP; Mac-2 BP; Mac-2-binding protein; Mac2 BP; MAC2BP; Serum protein 90K; TANGO10B; Transport and golgi organization 10 homolog B; Tumor associated antigen 90K; Tumor-associated antigen 90K; anti-LGALS3BP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	LGALS3BP antibody detects endogenous levels of LGALS3BP.
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	585
Applicable Applications for anti-LGALS3BP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LGALS3BP.
Subcellular Location	Secreted. Secreted > Extracellular Space > Extracellular Matrix.
Tissue Specificity	Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (88%), Bovine (100%), Horse (88%), Sheep (100%), Rabbit (88%), 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 of A549 cells, using LGALS3BP antibody.



IHC (Immunohistochemistry)
AAA322906 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from 293, using LGALS3BP antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3BP antibody	Function: Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells. Subunit Structure: Homodimers and homomultimers. The multimers form ring-like structures with a diameter of 30-40 nm. Binds LGALS1 and LGALS3. Binds ITGB1, COL4A1, COL5A1, COL6A1, FN1 and NID. Interacts with the gamma-tubulin ring complex (gamma-TuRC), composed of gamma-tubulin, TUBGCP2, TUBGCP3, TUBGCP4, TUBGCP5 and TUBGCP6 (PubMed:29162697). The unglycosylated form interacts with PDE4DIP isoform 13/MMG8/SMYLE; this interaction may connect a pericentrosomal complex, made of AKAP9, CDK5RAP2, EB1/MAPRE1 and PDE4DIP, to the gamma-tubulin ring complex (gamma-TuRC) to promote microtubule assembly and acetylation (PubMed:29162697).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031863
NCBI GeneID	3959
NCBI Accession #	NP_005558.1
NCBI GenBank Nucleotide #	NM_005567.3
UniProt Accession #	Q08380; Q7M4S0; Q9UCH8; Q9UCH9; Q9UCI0
Molecular Weight	Observed: 65-90 kDa Predicted: 66 kDa
NCBI Official Full Name	galectin-3-binding protein
NCBI Official Synonym Full Names	galectin 3 binding protein
NCBI Official Symbol	LGALS3BP
NCBI Official Synonym Symbols	90K; M2BP; gp90; CyCAP; BTBD17B; MAC-2-BP; TANGO10B
NCBI Protein Information	galectin-3-binding protein
UniProt Protein Name	Galectin-3-binding protein
UniProt Gene Name	LGALS3BP
UniProt Synonym Gene Names	M2BP; MAC2BP; Mac-2 BP

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.

