

LGALS3BP Rabbit pAb

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Catalog # AP52251

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q08380
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65331
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LGALS3BP
Epitope Specificity	351-450/585
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Secreted, extracellular space, extracellular matrix.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LGALS3BP is a ligand of galectin 3, and has been suggested to influence tumor proliferation and metastasis formation. Galectins and their ligands have been implicated in cell transformation and cancer metastasis, and found to have prognostic value. LGALS3BP also known as Mac 2 BP, and as 90K, is a highly glycosylated, secreted protein extensively studied in human cancer, which binds galectin 1, galectin 3 and galectin 7. High expression levels of this molecule are associated with a shorter survival, the occurrence of metastasis or a reduced response to chemotherapy in patients with different types of malignancy. The mechanisms underlying the prognostic significance of 90K and galectins in cancer are far from being understood, although they may be related to the ability of these proteins to interact and, to some extent, modulate cell cell and cell matrix adhesion and apoptosis.

Additional Information

Gene ID	3959
Other Names	Galectin-3-binding protein, Basement membrane autoantigen p105, Lectin galactoside-binding soluble 3-binding protein, Mac-2-binding protein, MAC2BP, Mac-2 BP, Tumor-associated antigen 90K, LGALS3BP, M2BP
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LGALS3BP
Synonyms	M2BP
Function	Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells.
Cellular Location	Secreted. Secreted, extracellular space, extracellular matrix
Tissue Location	Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.

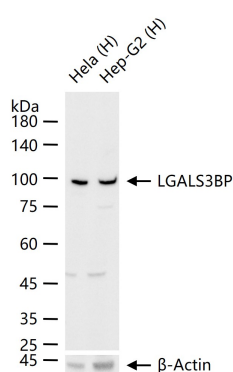
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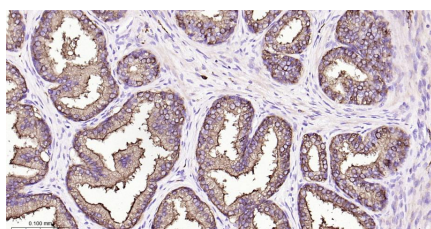
References

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Hellstern S.,et al.J. Biol. Chem. 277:15690-15696(2002).

Images



25 ug total protein per lane of various lysates (see on figure) probed with LGALS3BP polyclonal antibody, unconjugated (AP52251) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with LGALS3BP Polyclonal Antibody, Unconjugated (AP52251) at 1:200 overnight at 4°C, followed by conjugation to the AP52251-HRP and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.