

LGALS3 Rabbit Polyclonal Antibody

Catalog No: #53886

Package Size: #53886-1 50ul #53886-2 100ul

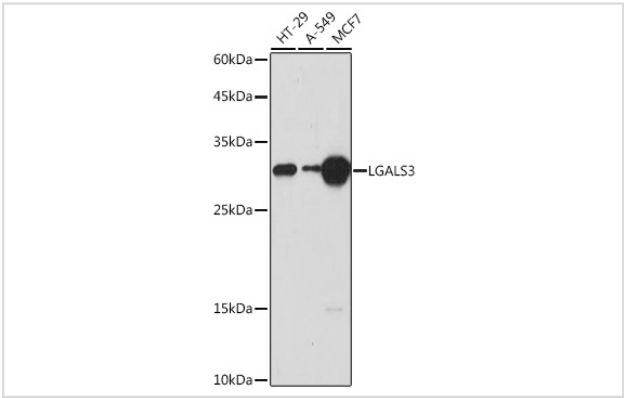
Description

Product Name	LGALS3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human LGALS3 (NP_002297.2).
Conjugates	Unconjugated
Other Names	LGALS3;CBP35;GAL3;GALBP;GALIG;L31;LGALS2;MAC2
Accession No.	Swiss Prot:P17931Gene ID:3958
Calculated MW	26kDa
SDS-PAGE MW	30KDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

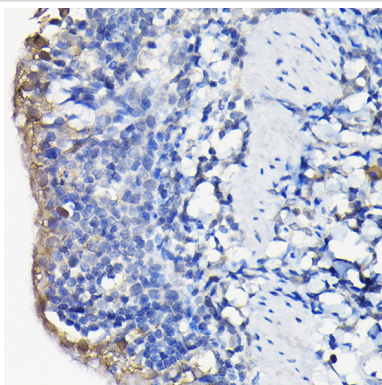
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

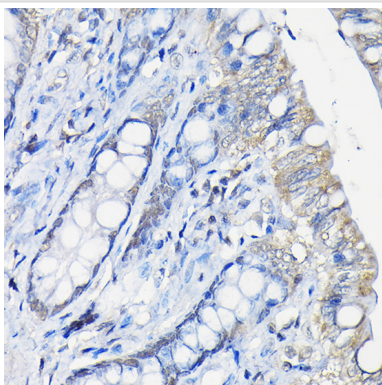
Images



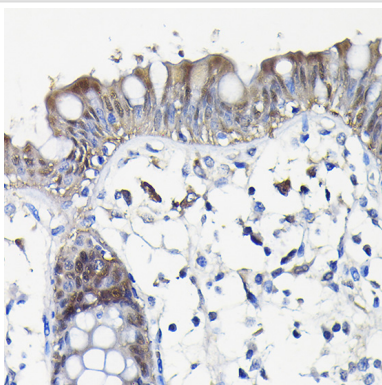
Western blot analysis of extracts of various cell lines, using LGALS3 antibody.



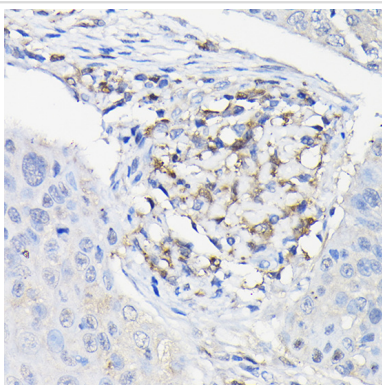
Immunohistochemistry of paraffin-embedded rat lung using LGALS3 Rabbit pAb.



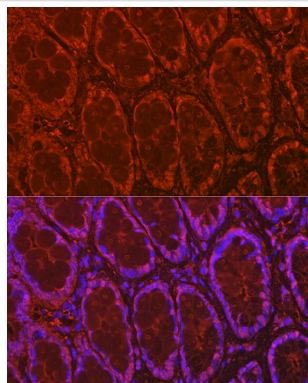
Immunohistochemistry of paraffin-embedded rat colon using LGALS3 Rabbit pAb.



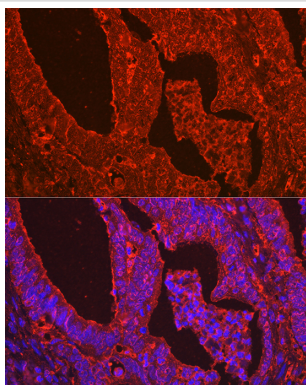
Immunohistochemistry of paraffin-embedded human colon using LGALS3 Rabbit pAb.



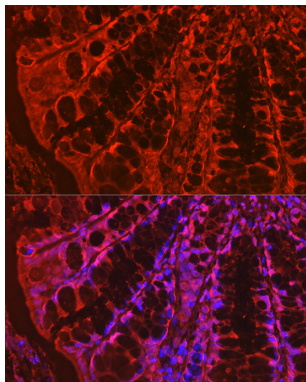
Immunohistochemistry of paraffin-embedded human esophageal cancer using LGALS3 Rabbit pAb.



Immunofluorescence analysis of rat rectum using LGALS3 Rabbit pAb.



Immunofluorescence analysis of human colon carcinoma using LGALS3 Rabbit pAb.



Immunofluorescence analysis of mouse colon using LGALS3 Rabbit pAb.

Background

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.