

LGALS8 / Galectin 8 Antibody (aa61-110)
Rabbit Polyclonal Antibody
Catalog # ALS14486**Specification**

LGALS8 / Galectin 8 Antibody (aa61-110) - Product Information

Application	WB, IHC
Primary Accession	O00214
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

LGALS8 / Galectin 8 Antibody (aa61-110) - Additional Information**Gene ID** 3964**Other Names**

Galectin-8, Gal-8, Po66 carbohydrate-binding protein, Po66-CBP, Prostate carcinoma tumor antigen 1, PCTA-1, LGALS8

Target/Specificity

LEG8 Antibody detects endogenous levels of total LEG8 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

LGALS8 / Galectin 8 Antibody (aa61-110) is for research use only and not for use in diagnostic or therapeutic procedures.

LGALS8 / Galectin 8 Antibody (aa61-110) - Protein Information**Name** LGALS8 ([HGNC:6569](#))**Function**

Beta-galactoside-binding lectin that acts as a sensor of membrane damage caused by infection and restricts the proliferation of infecting pathogens by targeting them for autophagy (PubMed:22246324, PubMed:28077878). Detects membrane rupture by binding beta-galactoside ligands located on the luminal side of the endosome membrane; these ligands becoming exposed to the cytoplasm following rupture (PubMed:22246324, PubMed:28077878). Restricts infection by initiating autophagy via interaction with CALCOCO2/NDP52 (PubMed:22246324, PubMed:28077878). Required to restrict infection of bacterial invasion such as S.typhimurium (PubMed:<a

[22246324](http://www.uniprot.org/citations/22246324)). Also required to restrict infection of Picornaviridae viruses (PubMed:[28077878](http://www.uniprot.org/citations/28077878)). Has a marked preference for 3'-O-sialylated and 3'-O-sulfated glycans (PubMed:[21288902](http://www.uniprot.org/citations/21288902)).

Cellular Location

Cytoplasmic vesicle. Cytoplasm, cytosol

Tissue Location

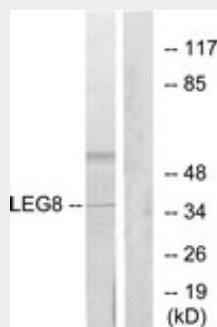
Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy

LGALS8 / Galectin 8 Antibody (aa61-110) - Protocols

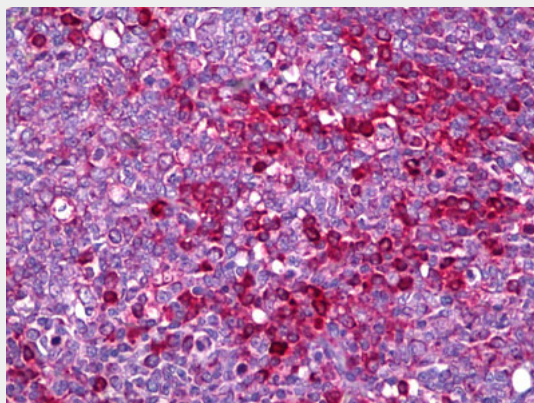
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LGALS8 / Galectin 8 Antibody (aa61-110) - Images



Western blot of extracts from NIH-3T3 cells, using LEG8 Antibody.



Anti-LGALS8 / Galectin-8 antibody IHC of human tonsil.

LGALS8 / Galectin 8 Antibody (aa61-110) - Background

Lectin with a marked preference for 3'-O-sialylated and 3'-O-sulfated glycans.

LGALS8 / Galectin 8 Antibody (aa61-110) - References

Su Z.-Z., et al. Proc. Natl. Acad. Sci. U.S.A. 93:7252-7257(1996).
Hadari Y.R., et al. Trends Glycosci. Glycotechnol. 9:103-112(1997).
Brichory F., et al. Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.
Maier C., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Gopalkrishnan R.V., et al. Oncogene 19:4405-4416(2000).