

LGALS4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12391a**Specification**

LGALS4 Antibody (N-term) - Product Information

Application	FC, WB,E
Primary Accession	P56470
Other Accession	NP_006140.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35941
Antigen Region	70-98

LGALS4 Antibody (N-term) - Additional Information**Gene ID** 3960**Other Names**

Galectin-4, Gal-4, Antigen NY-CO-27, L-36 lactose-binding protein, L36LBP, Lactose-binding lectin 4, LGALS4

Target/Specificity

This LGALS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human LGALS4.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LGALS4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LGALS4 Antibody (N-term) - Protein Information**Name** LGALS4

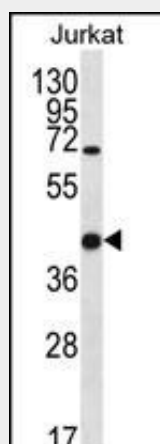
Function Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.

LGALS4 Antibody (N-term) - Protocols

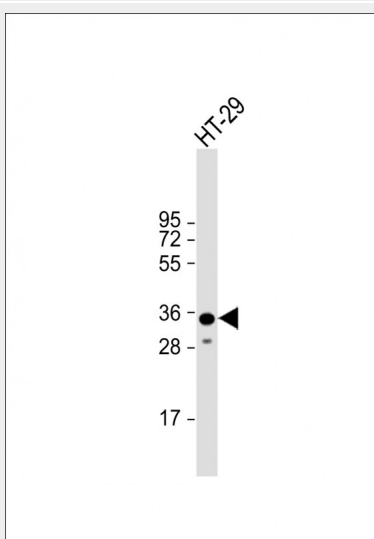
Provided below are standard protocols that you may find useful for product applications.

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

LGALS4 Antibody (N-term) - Images

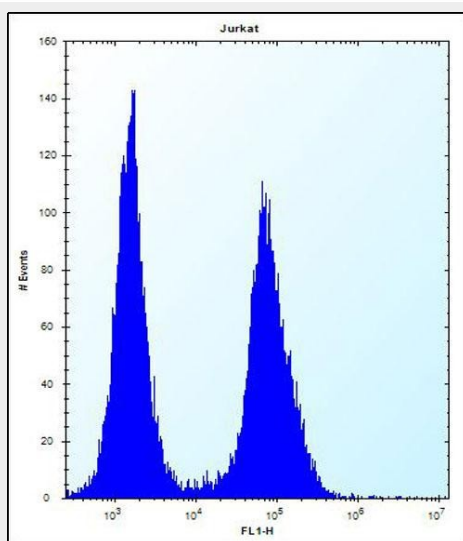


LGALS4 Antibody (N-term) (Cat. #AP12391a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the LGALS4 antibody detected the LGALS4 protein (arrow).



Anti-LGALS4 Antibody (N-term) at 1:1000 dilution + HT-29 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000

dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



LGALS4 Antibody (N-term) (Cat. #AP12391a) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

LGALS4 Antibody (N-term) - Background

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer.

LGALS4 Antibody (N-term) - References

Zimbardi, A.L., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 66 (PT 5), 542-545 (2010) :
Stechly, L., et al. Traffic 10(4):438-450(2009)
Tripodi, D., et al. BMC Med Genomics 2, 65 (2009) :
Oberg, C.T., et al. Bioorg. Med. Chem. Lett. 18(13):3691-3694(2008)
Ideo, H., et al. J. Biol. Chem. 282(29):21081-21089(2007)

LGALS4 Antibody (N-term) - Citations

- [Identification of hub genes and pathways associated with bladder cancer based on co-expression network analysis.](#)