Product Name: Galectin-4 Rabbit Polyclonal Antibody
Catalog #: APRab11274

Summary

Production Name	Galectin-4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	LGALS4
Alternative Names	LGALS4; Galectin-4; Gal-4; Antigen NY-CO-27; L-36 lactose-binding protein; L36LBP; Lactose-binding lectin 4
Gene ID	3960.0
SwissProt ID	P56470.The antiserum was produced against synthesized peptide derived from human LEG4. AA range:61-110

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	36kDa

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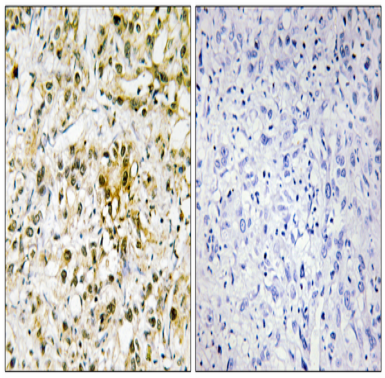
Background

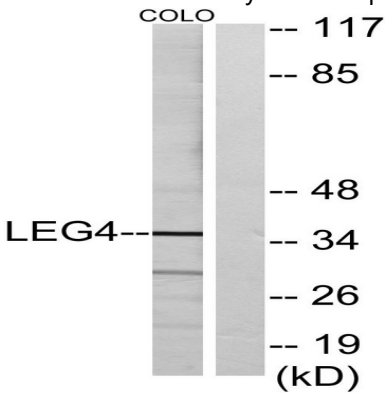
The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq, Jul 2008],domain:Contains two homologous but distinct carbohydrate-binding domains.,function:Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.,online information:Galectin-4,similarity:Contains 2 galectin domains.,subunit:Monomer.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using LEG4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using LEG4 Antibody. The lane on the right is blocked with the synthesized peptide.

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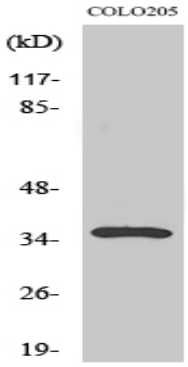

Western Blot analysis of various cells using Galectin-4 Polyclonal Antibody

Note

For research use only.