

## Galectin-9 Polyclonal Antibody

Catalog No: #42368

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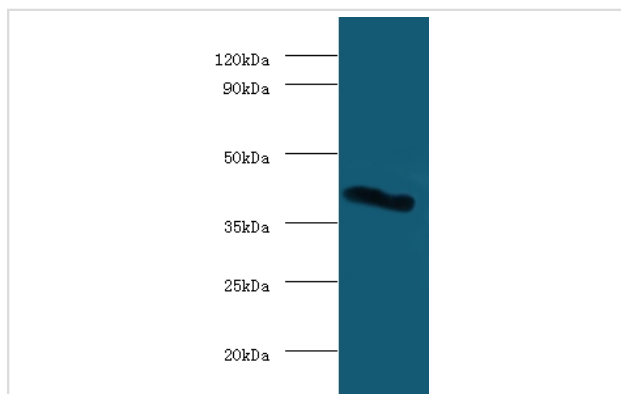
## Description

Product Name	Galectin-9 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Galectin-9 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Galectin-9 protein
Target Name	Galectin-9
Other Names	Gal-9, Ecalectin, Tumor antigen HOM-HD-21, LGALS9
Accession No.	Swiss-Prot#: O00182
Uniprot	O00182
GeneID	3965;
Calculated MW	40kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting:  1:500 - 1:1000

## Images



All lanes: Galectin-9 antibody at 2ug/ml+mouse heart tissue  
 Secondary  
 Goat polyclonal to Rabbit IgG at 1/15000 dilution  
 Predicted band size: 40KDa  
 Observed band size: 40KDa

## Background

Binds galactosides. Has high affinity for the Forssman pentasaccharide. May play a role in thymocyte-epithelial interactions relevant to the biology of the thymus. Inhibits cell proliferation. It is a ligand for HAVCR2/TIM3. Induces T-helper type 1 lymphocyte (Th1) death. Isoform Short acts as an eosinophil chemoattractant.

## References

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[1]"X-ray structures of human galectin-9C-terminal domain in complexes with a biantennary oligosaccharide and sialyllactose."Yoshida H., Teraoka M., Nishi N., Nakakita S., Nakamura T., Hirashima M., Kamitori S.J. Biol. Chem. 285:36969-36976(20

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Note: This product is for in vitro research use only