

anti-Mouse, Rat Galectin 3 Polyclonal Antibody | anti-Lgals3 antibody

Anti-Galectin 3 Antibody

CATALOG # AAA46313	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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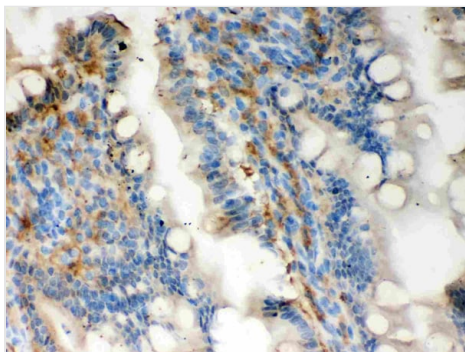
PRODUCT SYNONYMS

Galectin 3; Polyclonal Antibody; Anti-Galectin 3 Antibody; Galectin-3; 35 kDa lectin; Carbohydrate binding protein 35; Carbohydrate-binding protein 35; CBP 35; CBP35; GAL 3; Gal-3; GAL3; Galactose specific lectin 3; Galactose-specific lectin 3; Galactoside binding protein; Galactoside-binding protein; GALBP; Galectin 3 internal gene; included; Galectin3; GALIG; GBP; IgE binding protein; IgE-binding protein; L 31; L 34; L-31; L-34 galactoside-binding lectin; L31; Laminin binding protein; Laminin-binding protein; Lectin galactose binding soluble 3; Lectin L 29; Lectin L-29; Lectin; galactose binding; soluble 3; LEG3_HUMAN; LGALS 3; LGALS2; LGALS3; LGALS3 protein; MAC 2 antigen; Mac-2; Mac-2 antigen; MAC2; Macrophage galactose-specific lectin; MGC105387; lectin; galactoside-binding; soluble; 3; anti-Lgals3 antibody

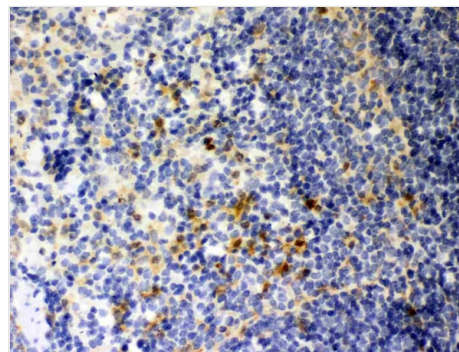
PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	264
Applicable Applications for anti-Lgals3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse Galectin 3 recombinant protein (Position: K153-I264). Mouse Galectin 3 shares 88% and 91% amino acid (aa) sequence identity with human and rat Galectin 3, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

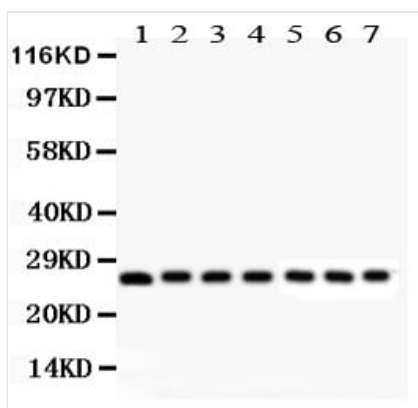
IMAGES



IHC (Immunohistochemistry)
Anti- Galectin3 Picoband antibody, AAA46313, IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- Galectin3 Picoband antibody, AAA46313, IHC(P)IHC(P): Mouse Spleen Tissue



WB (Western Blot)

Anti- Galectin3 Picoband antibody, AAA46313, Western blottingAll lanes: Anti Galectin3 (AAA46313) at 0.5ug/mlLane 1: Mouse Kidney Tissue Lysate at 50ugLane 2: Mouse Liver Tissue Lysate at 50ugLane 3: Mouse Spleen Tissue Lysate at 50ugLane 4: Mouse Ovary Tissue Lysate at 50ugLane 5: HEPA Whole Cell Lysate at 40ugLane 6: ANA-1 Whole Cell Lysate at 40ugLane 7: NIH3T3 Whole Cell Lysate at 40ugredicted bind size: 26KDObserved bind size: 26KD

ADDITIONAL INFORMATION

Related Product Information for anti-Lgals3 antibody	Description: Rabbit IgG polyclonal antibody for Galectin-3(LGALS3) detection. Tested with WB, IHC-P in Mouse;Rat. Background: Galectin-3(GAL3), also known as LGALS3, MAC2 or GALBP, is a member of the lectin family, of which 14 mammalian galectins have been identified. Galectin-3 is encoded by a single gene, it located on chromosome 14, locus q21q22. It is expressed in the nucleus, cytoplasm,mitochondrion, cell surface, and extracellular space. Studies have also shown that the expression of galectin-3 is implicated in a variety of processes associated with heart failure, including myofibroblast proliferation, fibrogenesis, tissue repair, inflammation, and Ventricular remodeling. Galectin-3 is expressed in various tissues and organs, but is significantly absent in normal hepatocytes.
References	1. Dumic J, Dabelic S, Flögel M. (2006). "Galectin-3: an open-ended story.". BBA General Subjects 1760(4): 616-635. 2. Liu F, Patterson RJ, Wang JL. (2002). "Intracellular function of galectins.". BBA General Subjects 1572 (2-3): 263-273. 3. Cooper D. (2002). "Galectinomics: finding themes in complexity.". BBA General Subjects 1572 (2-3): 209-231. 4. Raimond J, Zimonjic DB, Mignon C, et al. (1997). "Mapping of the galectin-3 gene (LGALS3) to human chromosome 14 at region 14q21—22.". Mamm. Genome 8 (9): 706-707.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126679
NCBI GeneID	16854
UniProt Accession #	P16110
Molecular Weight	27,515 Da
NCBI Official Full Name	Galectin-3
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 3
NCBI Official Symbol	Lgals3
NCBI Official Synonym Symbols	GBP; L-34; gal3; Mac-2
NCBI Protein Information	galectin-3
UniProt Protein Name	Galectin-3
UniProt Gene Name	Lgals3
UniProt Synonym Gene Names	Gal-3; CBP 35

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/galectin-3-antibody-immunohistochemistry-western-blot-elisa/46313>