

# Product Datasheet

## Galectin-1 Antibody - BSA Free NBP2-16581

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16581**

Galectin-1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	15 kDa

**Product Description**

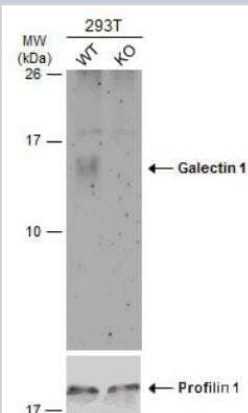
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit Galectin-1 Antibody - BSA Free (NBP2-16581) is a polyclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3956
<b>Gene Symbol</b>	LGALS1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Canine (82%), Porcine (85%), Bovine (86%).
<b>Immunogen</b>	Full length human Galectin-1 Recombinant protein.

**Product Application Details**

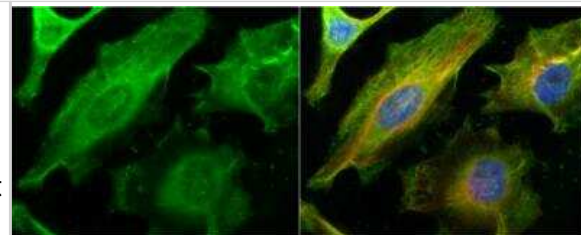
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:20000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Knockout Validated

**Images**

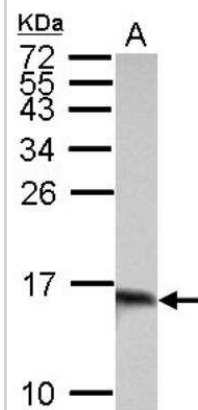
Western Blot: Galectin-1 Antibody [NBP2-16581] - Wild-type (WT) and Galectin-1 knockout (KO) 293T cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Galectin-1 antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



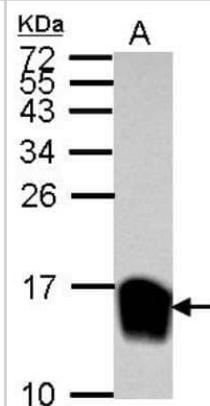
Immunocytochemistry/Immunofluorescence: Galectin-1 Antibody [NBP2-16581] - Galectin 1 antibody detects Galectin-1 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Galectin-1 protein stained by Galectin-1 antibody diluted at 1:200. Red: phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200. Blue: Hoechst 33342 staining.



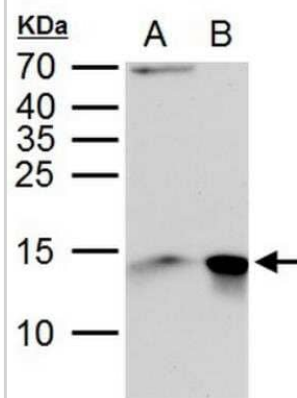
Western Blot: Galectin-1 Antibody [NBP2-16581] - A: BCL-1.



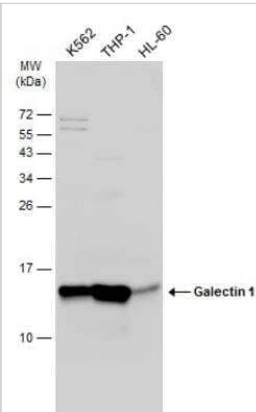
Western Blot: Galectin-1 Antibody [NBP2-16581] - A: NCI-H929.



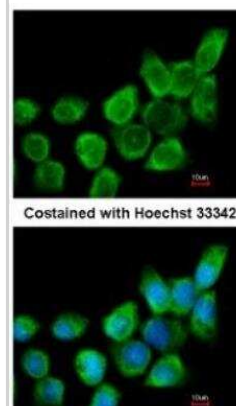
Western Blot: Galectin-1 Antibody [NBP2-16581] - A: PC-12. B: Rat2.



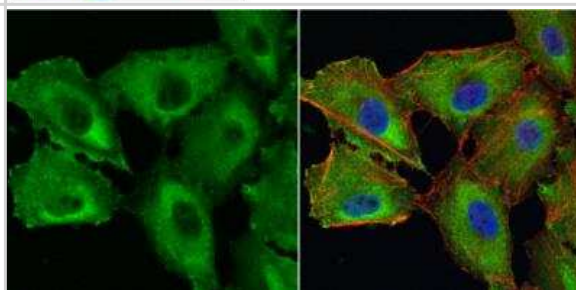
**Western Blot: Galectin-1 Antibody [NBP2-16581] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Galectin-1 antibody diluted at 1:2000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.**



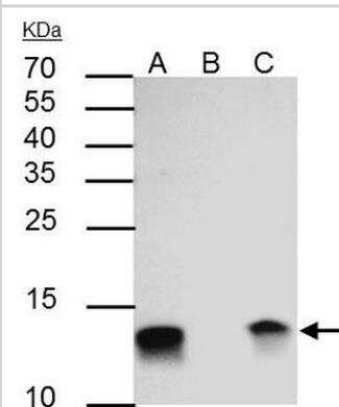
**Immunocytochemistry/Immunofluorescence: Galectin-1 Antibody [NBP2-16581] - A431.**



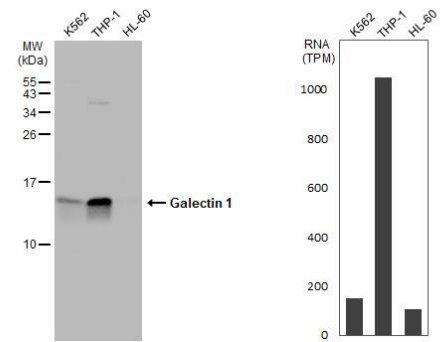
**Immunocytochemistry/Immunofluorescence: Galectin-1 Antibody [NBP2-16581] - Galectin 1 antibody detects Galectin 1 protein at cytoplasm.**  
**Sample:** A549 cells were fixed in 4% paraformaldehyde at RT for 15 min.  
**Green:** Galectin 1 protein stained by Galectin 1 antibody diluted at 1:500.  
**Red:** phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200. **Blue:** Hoechst 33342 staining.



**Immunoprecipitation: Galectin-1 Antibody [NBP2-16581] - Galectin 1 antibody immunoprecipitates Galectin 1 protein in IP experiments. IP**  
**Sample:** HeLa whole cell lysate/extract **A** : 30 ug whole cell lysate/extract of Galectin 1 antibody expressing HeLa cells **B** : Control with 2.5 ug of pre-immune rabbit IgG **C** : Immunoprecipitation of Galectin 1 by 2.5 ug of Galectin 1 antibody



Western Blot: Galectin-1 Antibody [NBP2-16581] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Galectin 1 antibody diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.





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### **Products Related to NBP2-16581**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34878-10ug	Recombinant Human Galectin-1 Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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