

## ARG56662 anti-Galectin 1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Galectin 1
Tested Reactivity	Hu, Chk, Hm
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Galectin 1
Species	Human
Immunogen	E.coli derived Recombinant Human Galectin 1. (ACGLVASNLN LKPGELRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM AADGDFKIKC VAFD)
Conjugation	Un-conjugated
Alternate Names	HBL; Gal-1; GAL1; HPL; Lectin galactoside-binding soluble 1; Galectin-1; 14 kDa laminin-binding protein; Lactose-binding lectin 1; GBP; Beta-galactoside-binding lectin L-14-I; Putative MAPK-activating protein PM12; 14 kDa lectin; Galaptin; S-Lac lectin 1; HLBP14

### Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56772 as a detection antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

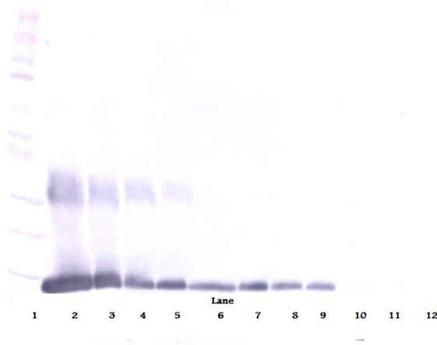
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	LGALS1
Gene Full Name	lectin, galactoside-binding, soluble, 1
Background	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008]
Function	May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis. [UniProt]
Calculated Mw	15 kDa

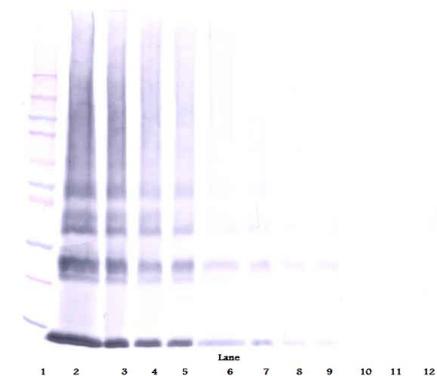
## Images

ARG56662 anti-Galectin 1 antibody WB image



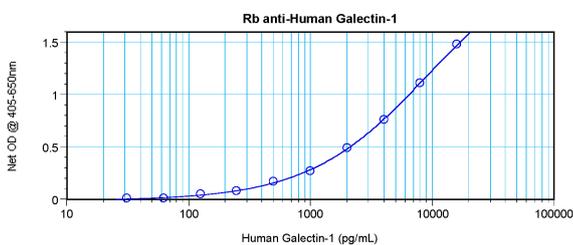
Western blot: 250 - 0.24 ng of Human Galectin 1 stained with ARG56662 anti-Galectin 1 antibody, under reducing conditions.

ARG56662 anti-Galectin 1 antibody WB image



Western blot: 250 - 0.24 ng of Human Galectin 1 stained with ARG56662 anti-Galectin 1 antibody, under non-reducing conditions.

ARG56662 anti-Galectin 1 antibody standard curve image



Sandwich ELISA: ARG56662 anti-Galectin 1 antibody as a capture antibody at 0.5 - 2.0  $\mu\text{g}/\text{ml}$  combined with ARG56772 anti-Galectin 1 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.