

Rabbit Galectin-3 Polyclonal Antibody | anti-LGALS3 antibody

Galectin-3 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76614	Rabbit	Rat, Human, Pig, and Mouse	Immunofluorescence, Western Blot, Immunocytochemistry

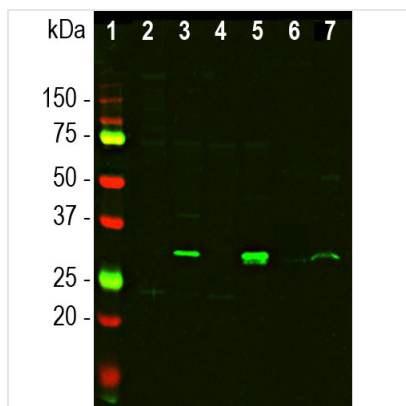
PRODUCT SYNONYMS

Galectin-3; Polyclonal Antibody; Galectin-3 Rabbit Polyclonal Antibody; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

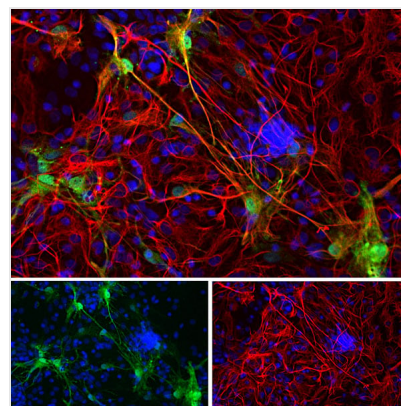
Host	Rabbit
Reactivity	Rat, Human, Pig, and Mouse
Clonality	Polyclonal
Isotype	IgG
Form/Format	Liquid; Whole Serum
Sequence Length	250
Applicable Applications for anti-LGALS3 antibody	IF (Immunofluorescence), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Full length recombinant Galectin-3 expressed in and purified from E Coli

IMAGES



WB (Western Blot)

Western blot analysis of different tissue and cell lysates using rabbit pAb to galectin-3, RA22131, dilution 1:5,000 in green: [1] protein standard, mouse tissue lysates: [2] heart, [3] liver, [4] kidney, [5] lung, [6] rat cortical neuron-glial primary cell culture lysate, and [7] pig spinal cord. The band at about 30kDa corresponds to the galectin-3 protein.



IF (Immunofluorescence)

Immunofluorescent analysis of cortical neuron-glial cell culture from E20 rat stained with rabbit pAb to galectin-3, RA22131, dilution 1:2,000 in green, and costained with mouse mAb to GFAP dilution 1:2,000 in red. The blue is Hoechst staining of nuclear DNA.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody

Galectin 3 is a member of a multigene family of 15 vertebrate lectins all of which share one or in some cases two "carbohydrate recognition domains" (CRD) which bind to beta-galactoside, a sugar moiety found on many cell surface proteins. Much evidence suggests that Gal-3 has an important role in the regulation of inflammatory responses and fibrogenesis. In the brain it is expressed in microglia and certain astrocytes. Antibody to this protein can therefore be used to study inflammation within and outside the brain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430223
NCBI GeneID	3958
NCBI Accession #	NP_002297.2
NCBI GenBank Nucleotide #	NM_002306.4
UniProt Accession #	P17931
NCBI Official Full Name	galectin-3 isoform 1
NCBI Official Synonym Full Names	galectin 3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
NCBI Protein Information	galectin-3
UniProt Protein Name	Galectin-3
UniProt Gene Name	LGALS3
UniProt Synonym Gene Names	MAC2; Gal-3; CBP 35; GALBP
UniProt Entry Name	LEG3_HUMAN

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://stage.aaabiotech.com/polyclonal/galectin-3-antibody-immunofluorescence-western-blot-immunocytochemistry-elisa/76614>