



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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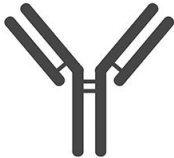
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Product Number	ARP54688_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/lgals3-antibody-n-terminal-region-biotin-arp54688-p050-biotin.html">www.avivasysbio.com/lgals3-antibody-n-terminal-region-biotin-arp54688-p050-biotin.html</a>
Name	LGALS3 Antibody - N-terminal region : Biotin (ARP54688_P050-Biotin)
Protein Size (# AA)	250 amino acids
Molecular Weight	26kDa
Conjugation	Biotin
NCBI Gene Id	3958
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	galectin 3
Alias Symbols	L31, GAL3, MAC2, CBP35, GALBP, GALIG, LGALS2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">GASYPGAYPGQAPPGAYPGQAPPGAYPGAPGAYPGAPAGVYPGPPSPGPG</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Bartolazzi,A., (2008) Lancet Oncol. 9 (6), 543-549
Description of Target	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.
Protein Interactions	PRR13; SS18L1; PPIG; LGALS3; GOLGA2; MAP1LC3A; SQSTM1; RAB7A; LAMP1; EGFR; CFTR; PAXIP1; BARD1; AGPS; IGBP1; GTF2I; CLNS1A; APP; SLC25A5; ACTA1; MYOC; LGALS3BP; CYHR1; GEMIN4; SUFU; CUBN; CSNK1A1; LIM2; FCGR2A; ELN; MMP2; CSNK2A2; CSNK2A1; C1GALT1C1; LGAL
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-LGALS3 (ARP54688_P050-Biotin) antibody</a>
Additional Information	<b>IHC Information:</b> Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)
Blocking Peptide	For anti-LGALS3 (ARP54688_P050-Biotin) antibody is <a href="#">Catalog # AAP54688</a> (Previous Catalog # AAPP31479)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LGALS3
Uniprot ID	<a href="#">P17931</a>
Protein Name	galectin-3
Publications	Guha, P. et al. Nicotine promotes apoptosis resistance of breast cancer cells and enrichment of side population cells with cancer stem cell-like properties via a signaling cascade involving galectin-3, -alpha9 nicotinic acetylcholine receptor and STAT3. Breast Cancer Res. Treat. 145, 5-22 (2014). <b>WB, IHC, Pig, Mouse, Human, Bovine, Dog, Rat, Horse, Guinea pig, Rabbit</b> <a href="#">24668500</a>

<b>Sample Type Confirmation</b>	LGALS3 is supported by BioGPS gene expression data to be expressed in MCF7
<b>Protein Accession #</b>	<a href="#">NP_002297</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_002306</a>
<b>Gene Symbol</b>	<a href="#">LGALS3</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
<b>Application</b>	IHC, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 93%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 92%; Rat: 93%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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