

Datasheet: VPA00080

Description:	RABBIT ANTI GALECTIN-1
Specificity:	GALECTIN-1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Immunogen

E.coli derived recombinant human galectin-1.

**External Database
Links**

UniProt:

[P09382](#) [Related reagents](#)

Entrez Gene:

[3956](#) LGALS1 [Related reagents](#)

Specificity

Rabbit anti Human galectin-1 antibody recognizes human galectin-1 (gal-1) also known lactose-binding lectin 1. Gal-1 is a member of the galectin family of beta-galactoside-binding proteins, which exhibits both intracellular and extracellular functions and is differentially expressed by a wide range of normal and neoplastic tissues.

Gal-1 has been implicated in several major cellular functions including proliferation, motility, hematopoietic cell differentiation, apoptosis promotion and immunoregulatory effects. The expression of gal-1 by neuronal and glial cells correlates with neuroregeneration following injury, and show the importance of gal-1 to primary sensory neurons and synaptic connections in the spinal cord, during embryonic development.

Rabbit anti Human galectin-1 antibody detects gal-1 as a single band of 13 kDa in a range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.

Western Blotting

Rabbit anti galectin-1 detects a band of approximately 13 kDa in K562 cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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