

Datasheet: 0754-8050

BATCH NUMBER 162446

Description:	SHEEP ANTI BOVINE ASIALOFETUIN
Specificity:	ASIALOFETUIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
ELISA	▪			1/1000 - 1/4000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Bovine
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Native

External Database Links

UniProt:
[P12763](#) [Related reagents](#)

Entrez Gene:

[280988](#) AHSG [Related reagents](#)

Synonyms

FETUA

RRID

AB_616939

Specificity

Sheep anti Bovine asialofetuin antibody recognizes bovine Alpha-2-HS-glycoprotein, also known as asialofetuin or fetuin-A. Asialofetuin is a 359 amino acid ~55kDa secreted glycoprotein containing two [fetuin-A-type dystatin domains](#).

Asialofetuin is produced in the liver and bone marrow and acts as a negative acute-phase protein attenuating the inflammatory response to acute injury ([Wang et al. 2010](#)).

In a simple antigen down ELISA, Sheep anti Bovine asialofetuin antibody reacts with:
asialofetuin (ab at 1/8000) 100%
fetuin (ab at 1/2000) 100%
fetuin (ab at 1/8000) 50%

References

1. Blome, M.C. *et al.* (2010) Surface plasmon resonance analysis of ricin binding to plasma membranes isolated from NIH 3T3 cells. [Anal Biochem. 396: 212-6.](#)
2. Bayer, H. *et al.* (2012) Evaluation of riproximin binding properties reveals a novel mechanism for cellular targeting. [J Biol Chem. 287 \(43\): 35873-86.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/0754-8050>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M382402:210513'

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