

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](#)

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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
'M382402:210513'

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