Datasheet: AAI34

BATCH NUMBER 151353

Description:	GOAT ANTI HORSE IgA
Specificity:	IgA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 mg

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/1000
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

Target Species

Horse

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to equine IgA were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)

Approx. Protein

IgG concentration 1.0 mg/ml

Concentrations	
Immunogen	Purified equine IgA.
RRID	AB_323032
Specificity	**Goat anti Horse IgA antibody** recognizes equine IgA and shows no cross-reactivity with other equine immunoglobulin classes in immunoelectrophoresis. Goat anti Horse IgA antibody may cross-react with IgA from other species.
References	1. Lewis, M.J. *et al.* (2010) IgA in the horse: cloning of equine polymeric Ig receptor and J chain and characterization of recombinant forms of equine IgA. Mucosal Immunol. 3: 610-21. 2. Keggan, A. *et al.* (2013) Production of seven monoclonal equine immunoglobulins isotyped by multiplex analysis. Vet Immunol Immunopathol. 153 (3-4): 187-93. 3. van der Kolk, J.H. *et al.* (2012) Gluten-dependent antibodies in horses with inflammatory small bowel disease (ISBD). Vet Q. 32: 3-11. 4. Palm, A.E. *et al.* (2016) Secretory immunoglobulin A and immunoglobulin G in horse saliva. Vet Immunol Immunopathol. 180: 59-65. 5. Pawlas-Opiela, M. *et al.* (2022) The relationship between the intensity of *Gasterophilus intestinalis* larvae infection and the serum and salivary humoral immune response in horses. Sci Rep. 12 (1): 17573.
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
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/AAI34 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP

North & South America Tel: +1 800 265 7376 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

'M363643:200528'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | Legal | Imprint