

Datasheet: AAI34P

Description:	GOAT ANTI HORSE IgA:HRP
Specificity:	IgA
Format:	HRP
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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
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 conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Antisera to equine IgA were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.05% ProClin 300 0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml.
Immunogen	Purified equine IgA.

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	<ol style="list-style-type: none"> Lewis, M.J. <i>et al.</i> (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. van der Kolk, J.H. <i>et al.</i> (2012) Gluten-dependent antibodies in horses with inflammatory small bowel disease (ISBD). Vet Q. 32: 3-11. Keggan, A. <i>et al.</i> (2013) Production of seven monoclonal equine immunoglobulins isotyped by multiplex analysis. Vet Immunol Immunopathol. 153 (3-4): 187-93. Palm, A.E. <i>et al.</i> (2016) Secretory immunoglobulin A and immunoglobulin G in horse saliva. Vet Immunol Immunopathol. 180: 59-65. Pawlas-Opiela, M. <i>et al.</i> (2022) The relationship between the intensity of <i>Gasterophilus intestinalis</i> larvae infection and the serum and salivary humoral immune response in horses. Sci Rep. 12 (1): 17573. May, A. <i>et al.</i> (2024) Effect of hospitalization on equine local intestinal immunoglobulin A (IgA) concentration measured in feces. J Equine Vet Sci. : 105078.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch.
Acknowledgements	ProClin is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
Health And Safety Information	<p>Material Safety Datasheet documentation #20391 available at: https://www.bio-rad-antibodies.com/SDS/AAI34P</p> <p>20391</p>
Regulatory	For research purposes only.

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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