Datasheet: AAI38P

BATCH NUMBER 170815A

Description:	GOAT ANTI HORSE IgG (T):HRP
Specificity:	IgG (T)
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 IgG (T) were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Proclin™ 300 0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified equine IgG (T).

Specificity	**Goat anti Horse IgG (T) antibody** recognizes equine IgG (T). No cross-reactivity with other equine immunoglobulin classes is seen in immuno-electrophoresis. Goat anti Horse IgG (T) antibody may cross react with IgG from other species.
References	1. Hooper-McGrevy, K.E. *et al.* (2003) Immunoglobulin G subisotype responses of pneumonic and healthy, exposed foals and adult horses to *Rhodococcus equi* virulence-associated proteins. Clin Diagn Lab Immunol. 10 (3): 345-51. 2. Jacks, S. *et al.* (2007) Experimental infection of neonatal foals with *Rhodococcus equi* triggers adult-like gamma interferon induction. Clin Vaccine Immunol. 14: 669-77. 3. Lewis, M.J. *et al.* (2007) The different effector function capabilities of the seven equine IgG subclasses have implications for vaccine strategies. Mol Immunol. 45: 818-27. 4. Ryan, C. & Giguère, S. (2010) Equine neonates have attenuated humoral and cell-mediated immune responses to a killed adjuvanted vaccine compared to adult horses. Clin Vaccine Immunol. 17 (12): 1896-902. 5. Cauchard S *et al.* (2014) Assessment of the safety and immunogenicity of *Rhodococcus equi*-secreted proteins combined with either a liquid nanoparticle (IMS 3012) or a polymeric (PET GEL A) water-based adjuvant in adult horses and foals--identification of promising new candidate antigens. Vet Immunol Immunopathol. 157 (3-4): 164-74. 6. Meulenbroeks C *et al.* (2015) Allergen-Specific Cytokine Polarization Protects Shetland Ponies against *Culicoides obsoletus*-Induced Insect Bite Hypersensitivity. PLoS One. 10 (4): e0122090. 7. Cauchard, S. *et al.* (2014) Assessment of the safety and immunogenicity of *Rhodococcus equi*-secreted proteins combined with either a liquid nanoparticle (IMS 3012) or a polymeric (PET GEL A) water-based adjuvant in adult horses and foals--identification of promising new candidate antigens. Vet Immunol Immunopathol. 157 (3-4): 164-74. 8. Burk, S.V. *et al.* (2016) Equine antibody response to larval *Parascaris equorum* excretory-secretory products. Vet Parasitol. 226: 83-7. 9. Lightbody, K.L. *et al.* (2016) Validation of a novel saliva-based ELISA test for diagnosing tapeworm burden in horses. Vet Clin Pathol. 45 (2): 335-46.
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.
Acknowledgements	Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
Health And Safety Information	Material Safety Datasheet documentation available at: https://www.bio-rad-antibodies.com/SDS/AAI38P Material Safety Datasheet Documentation #10198 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10198.pdf

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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