

Datasheet: AAI27P

BATCH NUMBER 155236

Description:	GOAT ANTI CHICKEN IgM:HRP
Specificity:	IgM
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	▪			1/200 - 1/2000
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
Western Blotting	▪			1/2000 - 1/20,000
Immunocytochemistry	▪			1/200 - 1/2000

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 appropriate negative/positive controls.

Target Species	Chicken
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation Antisera to chicken IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative	0.05% Proclin™ 300
Stabilisers	0.2% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
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Immunogen	Purified chicken IgM.
External Database Links	UniProt: P01875 Related reagents
RRID	AB_2275902
Specificity	<p>Goat anti Chicken IgM antibody recognizes chicken immunoglobulin M and shows no cross reactivity with other chicken immunoglobulin classes in immunoelectrophoresis.</p> <p>Goat anti chicken IgM antibody may cross react with IgM from other species.</p>
References	<ol style="list-style-type: none"> 1. Withanage, G.S. <i>et al.</i> (2001) Cytokine and chemokine responses associated with clearance of a primary <i>Salmonella enterica</i> serovar <i>Typhimurium</i> infection in the chicken and in protective immunity to rechallenge. Infect Immun.73: 5173-82. 2. Beal, R.K. <i>et al.</i> (2005) A strong antigen-specific T-cell response is associated with age and genetically dependent resistance to avian enteric salmonellosis. Infect Immun. 73 (11): 7509-16. 3. Rautenschlein, S. <i>et al.</i> (2011) Local and systemic immune responses following infection of broiler-type chickens with avian Metapneumovirus subtypes A and B. Vet Immunol Immunopathol. 140(1-2):10-22. 4. Toscano, M.J. <i>et al.</i> (2010) Sub-clinical infection with <i>Salmonella</i> in chickens differentially affects behaviour and welfare in three inbred strains. Br Poult Sci. 51: 703-13. 5. Radomska, K.A. <i>et al.</i> (2016) Chicken Immune Response after <i>In Ovo</i> Immunization with Chimeric TLR5 Activating Flagellin of <i>Campylobacter jejuni</i>. PLoS One. 11 (10): e0164837. 6. Dziejulska, D. <i>et al.</i> (2018) The impact of Aloe vera and licorice extracts on selected mechanisms of humoral and cell-mediated immunity in pigeons experimentally infected with PPMV-1. BMC Vet Res. 14 (1): 148. 7. Konieczka, P. <i>et al.</i> (2022) Increased arginine, lysine, and methionine levels can improve the performance, gut integrity and immune status of turkeys but the effect is interactive and depends on challenge conditions. Vet Res. 53 (1): 59.
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™ 300 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/AAI27P20391</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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