

Polyclonal Antibody to Sheep IgA - AP

Alternate names:	Ovine IGA, Sheep Immunoglobulin A
Catalog No.:	AP31398AP-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Rabbit / IgG
Immunogen:	Highly purified antigen
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: 50mM HEPES, 0.1M NaCl, 1mM MgCl ₂ , 0.1mM ZnCl ₂ , 0.09% Sodium Azide as preservative and 0.2% BSA as stabilizer Label: AP – Alkaline Phosphatase
Applications:	ELISA: 1/1000-1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Ovine IgA. It has been shown to react specifically with Ovine IgA by Immunoelectrophoresis and ELISA. The antibody may cross react with IgA from other species. Species: Sheep. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: One year from despatch.
General Readings:	1. Murphy L, Eckersall PD, Bishop SC, Pettit JJ, Huntley JF, Burchmore R, et al. Genetic variation among lambs in peripheral IgE activity against the larval stages of <i>Teladorsagia circumcincta</i> . <i>Parasitology</i> . 2010 Jul;137(8):1249-60. doi: 10.1017/S0031182010000028. Epub 2010 Mar 17. PubMed PMID: 20233490. 2. Hine BC, Hunt PW, Beasley AM, Windon RG, Glover SA, Colditz IG. Selective transport of IgE into ovine mammary secretions. <i>Res Vet Sci</i> . 2010 Oct;89(2):184-90. doi: 10.1016/j.rvsc.2010.02.010. Epub 2010 Mar 11. PubMed PMID: 20226487. 3. Vande Walle, K. et al. (2010) Rectal inoculation of sheep with <i>E. coli</i> O157:H7 results in persistent infection in the absence of a protective immune response. <i>Vet Microbiol</i> . Jul 7. [Epub ahead of print]