

Polyclonal Antibody to Sheep/Goat IgG - HRP

Catalog No.:	AP05395HR-N
Quantity:	1 ml
Concentration:	1.0 mg/ml
Host / Isotype:	Donkey / IgG
Immunogen:	Sheep IgG
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography. Buffer System: PBS containing 0.05% Proclin™ 300, 0.002% Methylisothiazolone and 0.002% Bromonitrodioxane. Label: HRP – Horseradish Peroxidase
Applications:	ELISA: 1/12800-1/25600. Western Blot: 1/20000. Immunohistochemistry on Paraffin Sections. Immunohistochemistry on Frozen Sections: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises both Sheep and Goat IgG, which are immunologically very similar. This antibody is adsorbed against Human, Rabbit, Mouse and Rat serum proteins to minimise cross-reactivity. Species: Sheep, Goat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Proclin™ 300, Methylisothiazolone, Bromonitrodioxane: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
General Readings:	1. Singh M, Cattaneo R, Billeter MA. A recombinant measles virus expressing hepatitis B virus surface antigen induces humoral immune responses in genetically modified mice. J Virol. 1999 Jun;73(6):4823-8. PubMed PMID: 10233943. 2. Tedla N, Wang HW, McNeil HP, Di Girolamo N, Hampartzoumian T, Wakefield D, et al. Regulation of T lymphocyte trafficking into lymph nodes during an immune response by the chemokines macrophage inflammatory protein (MIP)-1 alpha and MIP-1 beta. J Immunol. 1998 Nov 15;161(10):5663-72. PubMed PMID: 9820547. 3. Turner J, Gonzalez-Juarrero M, Ellis DL, Basaraba RJ, Kipnis A, Orme IM, et al. In vivo IL-10 production reactivates chronic pulmonary tuberculosis in C57BL/6 mice. J Immunol. 2002 Dec 1;169(11):6343-51. PubMed PMID: 12444141.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



4. Singh SK, Kurfurst R, Nizard C, Schnebert S, Perrier E, Tobin DJ. Melanin transfer in human skin cells is mediated by filopodia--a model for homotypic and heterotypic lysosome-related organelle transfer. *FASEB J.* 2010 Oct;24(10):3756-69. doi: 10.1096/fj.10-159046. Epub 2010 May 25. PubMed PMID: 20501793.
5. Yekta MA, Goddeeris BM, Vanrompay D, Cox E. Immunization of sheep with a combination of intiminy, EspA and EspB decreases Escherichia coli O157:H7 shedding. *Vet Immunol Immunopathol.* 2011 Mar 15;140(1-2):42-6. doi: 10.1016/j.vetimm.2010.11.010. Epub 2010 Nov 18. PubMed PMID: 21185088.
6. Guitton C, Cottureau A, Gérard N, Quillard T, Chauveau A, Devallière J, et al. Protective cross talk between activated protein C and TNF signaling in vascular endothelial cells: implication of EPCR, noncanonical NF- κ B, and ERK1/2 MAP kinases. *Am J Physiol Cell Physiol.* 2011 Apr;300(4):C833-42. doi: 10.1152/ajpcell.00003.2010. Epub 2011 Jan 12. PubMed PMID: 21228323.