Product Datasheet

Goat anti-Porcine IgA Heavy Chain Secondary Antibody NB724

Unit Size: 1 ml

Store at 4C. Do not freeze.

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Publications: 17

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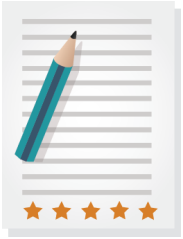
Updated 10/23/2024 v.20.1



NB724

Goat anti-Porcine IgA Heavy Chain Secondary Antibody

Product Information	
Unit Size	1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Phosphate Buffered Saline (PBS)

Product Description	
Host	Goat
Species	Porcine
Specificity/Sensitivity	By immunoelectrophoresis and ELISA this reacts specifically with pig IgA. This may cross react with IgA from other species.
Immunogen	Pig IgA

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000- 1:30000, ELISA 1:1000-1:30000, Immunohistochemistry 1:200-1:2000, Immunocytochemistry/ Immunofluorescence 1:200-1:2000, Immunohistochemistry-Paraffin 1:200-1:2000
Application Notes	ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500

Publications

Johannes Schregel, Johannes Schulze Holthausen, Quentin L Sciascia, Solvig Görs, Zeyang Li, Armin Tuchscherer, Elke Albrecht, Jürgen Zentek, Cornelia C Metges Acute and persistent effects of oral glutamine supplementation on growth, cellular proliferation, and tight junction protein transcript abundance in jejunal tissue of low and normal birthweight pre-weaning piglets. PloS one 2024-01-04 [PMID: 38165864]

Julian Trachsel, Cassidy Briggs, Nicholas K. Gabler, Heather K. Allen, Crystal L. Loving Dietary Resistant Potato Starch Alters Intestinal Microbial Communities and Their Metabolites, and Markers of Immune Regulation and Barrier Function in Swine Frontiers in Immunology 2019-06-19 [PMID: 31275319]

Paolo Trevisi, Clara Negrini, Federico Correa, Sara Virdis, Luca Laghi, Mele Marcello, Giuseppe Conte, Maurizio Mazzoni, Diana Luise Insight into the long-term impact of birth weight on intestinal development, microbial settlement, and the metabolism of weaned piglets Journal of Animal Science 2023-01-01 [PMID: 38064718]

J Schulze Ho, J Schregel, QL Sciascia, Z Li, A Tuchschere, W Vahjen, CC Metges, J Zentek Effects of Oral Glutamine Supplementation, Birthweight and Age on Colonic Morphology and Microbiome Development in Male Suckling Piglets Microorganisms, 2022-09-25;10(10):. 2022-09-25 [PMID: 36296176]

Wiarda J, Shircliff A, Stasko J et al. Conserved B cell signaling, activation, and differentiation in porcine jejunal and ileal Peyer's patches despite distinct immune landscapes bioRxiv 2023-09-15 (IHC)

Moniruzzaman M, Kim D, Kim H et al. Evaluation of dietary curcumin nanospheres as phytobiotics on growth performance, serum biochemistry, nutritional composition, meat quality, gastrointestinal health, and fecal condition of finishing pigs Frontiers in veterinary science 2023-03-08 [PMID: 36968462] (IHC)

Schregel J, Schulze Holthausen J, Sciascia QL et al. Effects of oral glutamine supplementation on jejunal morphology, development, and amino acid profiles in male low birth weight suckling piglets PloS one 2022-04-27 [PMID: 35476806]

Nally JE, Chantranuwat C, Wu XY et al. Alveolar septal deposition of immunoglobulin and complement parallels pulmonary hemorrhage in a guinea pig model of severe pulmonary leptospirosis Am J Pathol 2004-02-26 [PMID: 14982864] (IF/IHC)

Luise D, Bertocchi M, Motta V et al. Bacillus sp. probiotic supplementation diminish the Escherichia coli F4ac infection in susceptible weaned pigs by influencing the intestinal immune response, intestinal microbiota and blood metabolomics J Anim Sci Biotechnol 2019-09-19 [PMID: 31528339] (IHC-P)

Zhou Y, Chen C, Chen Y et al. Effect of route of inoculation on innate and adaptive immune responses to porcine epidemic diarrhea virus infection in suckling pigs. Sci. Adv. 2018-11-01 [PMID: 30593385] (ELISA)

Galiazzo G, Giancola F, Stanzani A et al. Localization of cannabinoid receptors CB1, CB2, GPR55, and PPARalpha in the canine gastrointestinal tract. Histochem Cell Biol 2018-06-07 [PMID: 29882158]

Yuan L, Honma S, Ishida S et al. Species-specific but not genotype-specific primary and secondary isotype-specific NSP4 antibody responses in gnotobiotic calves and piglets infected with homologous host bovine (NSP4[A]) or porcine (NSP4[B]) rotavirus. Virology. [PMID: 15527837]

Details:
Citation using the HRP form of this antibody.

More publications at http://www.novusbio.com/NB724

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Products Related to NB724

NBP3-20648-100ug	IgA Heavy Chain Antibody (IGHA/7567R)

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Secondary Antibodies are guaranteed for 1 year from date of receipt.

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