



POLYCLONAL ANTIBODY

For research use only, Not for diagnostic use.

Catalog No. THU-A-TLR2**Anti Porcine TLR2**
[Toll like receptor 2]

Product type	Primary antibody
Immunogen	Amino acids 76-90 of porcine Toll like receptor 2
Host Species	Rabbit
Fusion Partner	-
Clone Designation	-
Isotype	-
Source	Serum
Purification	Immunogen affinity purified
Form	Liquid
Formulation	PBS (pH7.4) with less than 0.1% NaN ₃ as a preservative.
Concentration	0.61 mg/ml
Volume	50 UL
Label	Unlabeled
Specificity	Porcine TLR2
Cross reactivity	Reacts with porcine. Not yet tested in other species.
Storage	Store below -20°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.

Application notes	• ELISA: 1/1,000
Recommended dilutions	• Western blotting: 1/500 – 1/1,000 Predicted molecular weight: 87kDa • Immunoprecipitation: 1/100 – 1/500 • Immunohistochemistry: 1/500-1/1,000 • Flow cytometry: 1/1,000

Other applications have not been tested.
Optimal dilutions/concentrations should be determined by the end user.

References	1) Tohno, M, H. Kitazawa, T. Shimosato, M. Matsumoto, S. Katoh, Y. Kawai and T. Saito : A swine Toll-like receptor 2-expressing transfectant as a potential primary screening system for immunobiotic microorganisms. FEMS immunol. Med. Microbiol., 44, 283-288 (2005). PubMed: 15907450 2) Tohno, M, T. Shimosato, H. Kitazawa, S. Katoh, I.D. Iliev, T. Kimura, Y. Kawai, K. Watanabe, H. Aso, T. Yamaguchi and T. Saito: Toll-like receptor 2 is expressed on the intestinal M cells in swine. Biochem. Biophys. Res. Commun., 330:547-554 (2005). PubMed: 15796917
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ANTIBODY CHARACTERIZATION

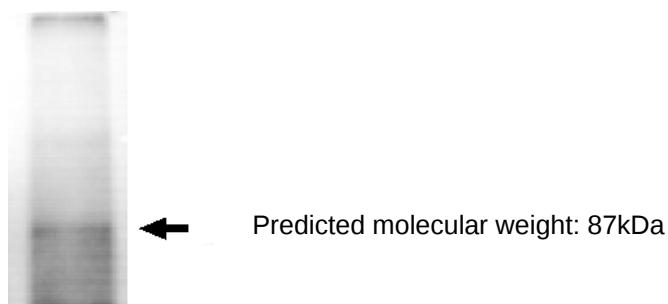


Fig.1 Western blot analysis of TLR2 protein expressed in mesenteric lymph nodes of adult porcine.

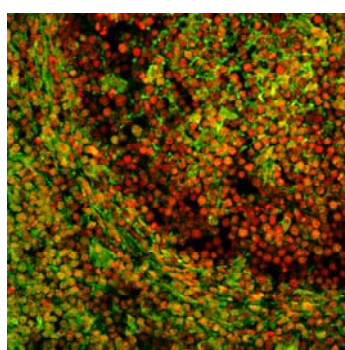


Fig.2 Localization of TLR2 in longitudinal section of mesenteric lymph nodes of adult porcine. Green: TLR2, Red: nuclei

RELATED PRODUCT:

Product Name	Application	Quantity	Maker	Cat#
Anti porcine TLR2 Polyclonal Antibody	WB / IHC / FCM / IP / ELISA	50 UL	CAC	THU-A-TLR2
Anti porcine TLR9 Polyclonal Antibody	WB / IHC / FCM / IP / ELISA	50 UL	CAC	THU-A-TLR9
Anti porcine NOD1 Polyclonal Antibody	WB / IHC / FCM	50 UL	CAC	THU-A-NOD1
Anti porcine NOD2 Polyclonal Antibody	WB / IHC / FCM	50 UL	CAC	THU-A-NOD2
Anti porcine PGLYRP3 Polyclonal Antibody	WB / IHC / FCM / IP / ELISA	100 UL	COP	COP-080060
Anti porcine PGLYRP4 Polyclonal Antibody	WB / IHC / FCM / IP / ELISA	100 UL	COP	COP-080061

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