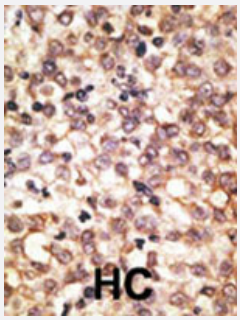
Tlr2 polyclonal antibody

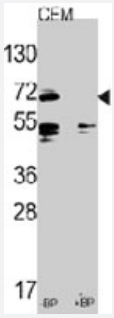
Catalog # PAB3544 Size 400 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with Tlr2 polyclonal antibody (Cat # PAB3544) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Western Blot (Cell lysate)

Western blot analysis of Tlr2 polyclonal antibody (Cat # PAB3544) in CEM cell line lysate. TLR2-V735 (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Tlr2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of mouse Tlr2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

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Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — Tlr2

Entrez GeneID	24088
Protein Accession#	NP_036035;Q9QUN7
Gene Name	Tlr2
Gene Alias	Ly105
Gene Description	toll-like receptor 2
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

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- Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs.

  Okazaki Y, Furuno M, Kasukawa T, Adachi J, Bono H, Kondo S, Nikaido I, Osato N, Saito R, Suzuki H, Yamanaka I, Kiyosawa H, Yagi K, Tomaru Y, Hasegawa Y, Nogami A, Schonbach C, Gojobori T, Baldarelli R, Hill DP, Bult C, Hume DA, Quackenbush J, Schriml LM, Kanapin A, Matsuda H, Batalov S, Beisel KW, Blake JA, Bradt D, Brusic V, Chothia C, Corbani LE, Cousins S, Dalla E, Dragani TA, Fletcher CF, Forrest A, Frazer KS, Gaasterland T, Gariboldi M, Gissi C, Godzik A, Gough J, Grimmond S, Gustincich S,.

  Nature 2002 Dec; 75(3):481.

- The lipopolysaccharide-activated toll-like receptor (TLR)-4 induces synthesis of the closely related receptor TLR-2 in adipocytes.

  Lin Y, Lee H, Berg AH, Lisanti MP, Shapiro L, Scherer PE.

  The Journal of Biological Chemistry 2000 Aug; 275(32):24255.

  Application: IP, WB-Ce, Human, Mouse, 293T, 3T3-L1 cells

- Gene expressions of lipopolysaccharide receptors, toll-like receptors 2 and 4, are differently regulated in mouse T lymphocytes.

  Matsuguchi T, Takagi K, Musikacharoen T, Yoshikai Y.

  Blood 2000 Feb; 95(4):1378.

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