

TLR8 polyclonal antibody

Catalog: BS6799

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The Toll-like Receptors (TLR) are a family of human receptors that share homology with the Drosophila Toll Receptors, which are involved in mediating dorsoventral polarization in developing Drosophila embryos and participate in host immunity. The TLR family members are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transductions. TLRs are type I transmembrane receptors that contain an extracellular domain consisting of several leucine-rich regions and a single cytoplasmic Toll/IL-1R like domain. Three TLR family members, TLR7, TLR8 and TLR9, belong to a subfamily of TLRs which are differentially expressed. TLR7 is expressed in lung, placenta and spleen. TLR8 is expressed in lung and peripheral blood leukocytes, and TLR9 is predominantly expressed in spleen, lymph nodes, bone marrow and peripheral blood leukocytes. TLR7, TLR8 and TLR9 stimulate the NF κ B signaling pathway, suggesting that they play a role in the immune response.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 150 kDa

Swiss-Prot:

Q9NR97

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200 | IHC-P, 1:50 - 1:200

Storage&Stability:

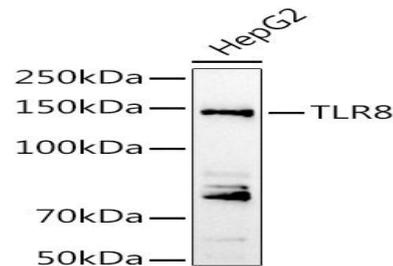
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

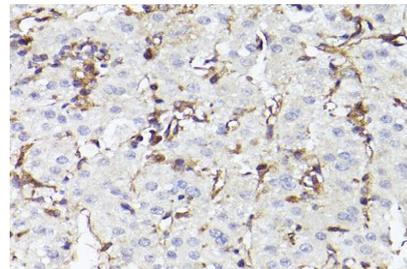
Specificity:

TLR8 polyclonal antibody detects endogenous levels of TLR8 protein.

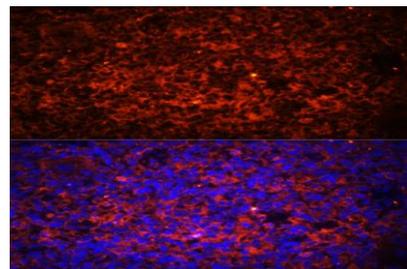
DATA:



Western blot analysis of lysates from HepG2 cells, using TLR8 pAb at 1:1000 dilution.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using TLR8 pAb at dilution of 1:100 (40x lens).



Immunofluorescence analysis of paraffin-embedded rat spleen using TLR8 pAb at dilution of 1:100 (40x lens).

Note:

For research use only, not for use in diagnostic procedure.

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PRODUCT DATA SHEET

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