



TLR2 Rabbit Polyclonal Antibody

E2350150

Catalog Number: E2350150

Product name: TLR2 Rabbit Polyclonal Antibody

Antibody type: Primary antibody

Mark: Unconjugated

Antibody subtype: Rabbit IgG

Host: Rabbit

Purification: Affinity purified

Reactive species: Human, Rat, Mouse

Gene name: TLR2

Alias: TIL4; CD282

Swiss-Prot Acc. O60603.

Immunogen: A synthetic peptide of human TLR2

Clone type: Polyclonal antibody

Source: Human

Gene name: toll like receptor 2

Application: WB 1:200 - 1:500; IHC 1:50 - 1:200; IF 1:50 - 1:100

Introduction : The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities.

Function: Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 or TLR6 to mediate the innate immune response to bacterial lipoproteins or lipopeptides (PubMed:21078852, PubMed:17889651).

Specificity: Highly expressed in peripheral blood leukocytes, in particular in monocytes, in bone marrow, lymph node and in spleen. Also detected in lung and in fetal liver. Levels are low in other tissues. Gene expression databases

Cell localization: Cytoplasm, Membrane, Mitochondrion

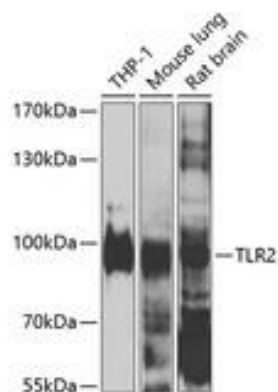
Gene ID: 7097

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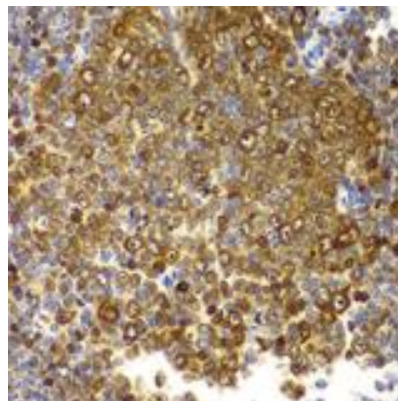
SwissProt ID: Q07812

Storage Stability: Store at + 4 ° C short term. Store at -20 ° C long term. Avoid freeze / thaw cycle.

Buffer system: PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol.



TLR2 Polyclonal Antibody. Western blot analysis of extracts of various cell lines, using TLR2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/ proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 20s.



TLR2 Polyclonal Antibody. Immunohistochemistry of paraffin-embedded rat spleen using TLR2 antibody at dilution of 1:100.