

Anti-TLR8 Antibody

Catalog # ABO11042

Product Information

Application	WB
Primary Accession	A5H300
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Protein Tlr8(TLR8) detection. Tested with WB in Rat;Mouse.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Calculated MW	119272 Da
Application Details	Western blot, 0.1-0.5 µg/ml, Rat, Mouse
Protein Name	Protein Tlr8
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of rat TLR8(1013-1029aa ENDSRYDNLIDSIRQY), different from the related mouse sequence by one amino acid.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After reconstitution, at 4° C for one month. It can also be aliquotted and stored frozen at -20° C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Background

TLR8(Toll-like receptor 8) is a protein that in humans is encoded by the TLR8 gene. TLR8 has also been designated as CD288(cluster of differentiation 288). The TLR8 gene is mapped to Xp22.3-p22.2 by Chuang and Ulevitch(2000) and Du et al.(2000). 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. They recognize pathogen-associated molecular patterns(PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. TLR8 recognises G-rich oligonucleotides.

Images



Anti- TLR8 antibody, ABO11042, Western blotting
All lanes:
Anti TLR8 (ABO11042) at 0.5ug/ml
WB: U87 Whole Cell
Lysate at 40ug
Predicted bind size: 120KD
Observed bind size: 120KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.