

TLR7 Rabbit Polyclonal Antibody



CAB0991

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

120kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.

Immunogen information

Gene ID:

51284

Uniprot

Q9NYK1

Synonyms:

TLR7; TLR7-like

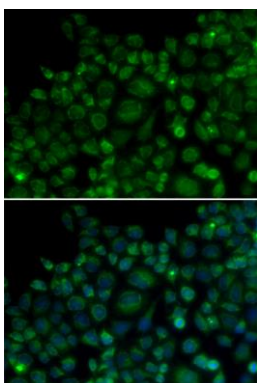
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human TLR7 (NP_057646.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of MCF-7 cells using TLR7 antibody (CAB0991). Blue: DAPI for nuclear staining.