

TLR7 Polyclonal Antibody

Catalog No.	A0991	Category	Polyclonal Antibodies
Applications	IHC, IF	Observed MW	
Cross-reactivity	Human, Mouse	Calculated MW	120kDa

Immunogen Information

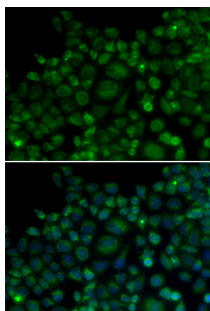
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human TLR7 (NP_057646.1).
Gene ID	51284
Swiss prot	Q9NYK1
Synonyms	TLR7; TLR7-like; toll-like receptor 7

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

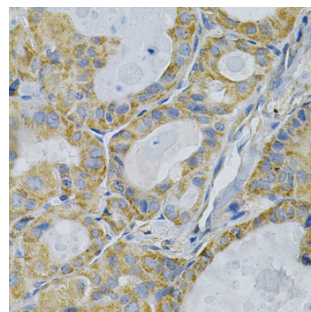


Immunofluorescence - TLR7 Polyclonal Antibody (A0991)

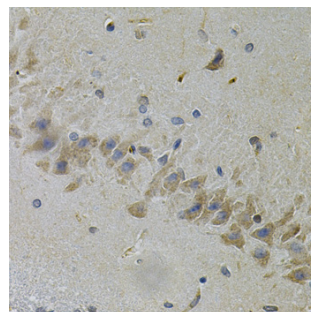
Recommended Dilutions

IHC 1:50 -
1:200

IF 1:50 -
1:200



Immunohistochemistry - TLR7 Polyclonal Antibody (A0991)



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