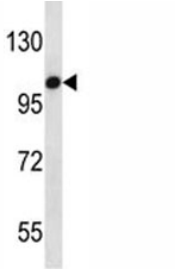
TLR7 Antibody (F43188)

Catalog No.	Formulation	Size
F43188-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43188-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NYK1
Applications	Western blot: 1:1000
Limitations	This TLR7 antibody is available for research use only.



TLR7 antibody western blot analysis in HepG2 lysate

Description

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.

Application Notes

Titration of the TLR7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 899-926 from the human protein was used as the immunogen for this TLR7 antibody.

Storage

Aliquot the TLR7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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