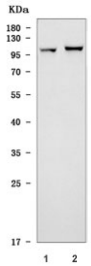
Toll-like receptor 5 Antibody / Tlr5 (RQ7413)

Catalog No.	Formulation	Size
RQ7413	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9JLF7
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Toll-like receptor 5 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with Toll-like receptor 5 antibody. Expected molecular weight ~98 kDa.

Description

Toll-like receptor 5, also known as TLR5, is a protein which in humans is encoded by the TLR5 gene. Predicted to enable interleukin-1 receptor binding activity and signaling receptor activity. Predicted to be involved in several processes, including positive regulation of interleukin-8 production; positive regulation of nitric oxide biosynthetic process; and positive regulation of toll-like receptor signaling pathway. Predicted to act upstream of or within innate immune response. Predicted to be located in membrane. Predicted to be integral component of plasma membrane. Is expressed in brain; olfactory epithelium; spinal cord; and trunk unsegmented mesenchyme. Human ortholog(s) of this gene implicated in Legionnaires' disease; cystic fibrosis; cystitis; melioidosis; and systemic lupus erythematosus. Orthologous to human

TLR5 (toll like receptor 5).

Application Notes

Optimal dilution of the Toll-like receptor 5 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant mouse protein (amino acids Q81-D766) was used as the immunogen for the Toll-like receptor 5 antibody.

Storage

After reconstitution, the Toll-like receptor 5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.