antibodies - online.com







anti-TLR5 antibody (AA 825-856)



Images



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Overview		
Quantity:	0.4 mL	
Target:	TLR5	
Binding Specificity:	AA 825-856	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TLR5 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA	
Product Details		
Immunogen:	A portion of amino acids 825-856 from the mouse protein was used as the immunogen for this	
	TLR5 antibody.	
Isotype:	Ig Fraction	
Purification:	Purified	
Target Details		
Target:	TLR5	
Alternative Name:	TLR5 (TLR5 Products)	
Background:	TLR5, a Type I membrane protein belonging to the Toll-like receptor family, participates in the	
	innate immune response to microbial agents. It also plays a role in mediating detection of	
	bacterial flagellins. TLR5 acts via MyD88 and TRAF6, leading to NF-kappa-B activation, cytokine	

secretion and the inflammatory response. This protein binds to TIRAP and MyD88 via their respective TIR domains TLR5 is highly expressed in liver, and is detected in lung and at very low levels in most other tissues. The TLR5 gene lies in a locus that is associated with susceptibility to Salmonella. Inbred strains of mice can be classified into 3 categories according to their resistance to infection with S.typhimurium: susceptible (BALB/c, C57BL/6, C3H/He), intermediate (DBA/2, C75L) and resistant (A, CBA). The strain MOLF/Ei is highly susceptible to the infection, has an unique TLR5 haplotype and a lower expression of TRL5.

UniProt:

Q9JLF7

Pathways:

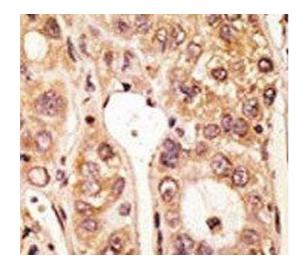
TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades

Application Details

Restrictions:	For Research Use only
••	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Application Notes:	Titration of the TLR5 antibody may be required due to differences in protocols and

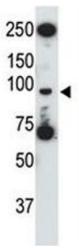
Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the TLR5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



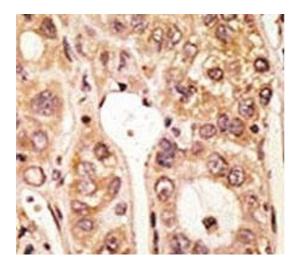
Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma tissue stained with the TLR5 antibody



Western Blotting

Image 2. TLR5 antibody used in western blot to detect TLR5 in HL-60 cell lysate



Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with the TLR5 antibody