

Datasheet for ABIN657635
anti-TLR7 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	TLR7
Binding Specificity:	AA 899-926, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TLR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 899-926 amino acids from the C-terminal region of human TLR7.
Clone:	RB33653
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TLR7
Alternative Name:	TLR7 (TLR7 Products)

Target Details

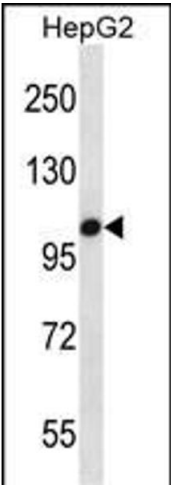
Background:	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize 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.
Molecular Weight:	120922
Gene ID:	51284
NCBI Accession:	NP_057646
UniProt:	Q9NYK1
Pathways:	TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	TLR7 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. TLR7 Antibody (C-term) (ABIN657635 and ABIN2846631) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the TLR7 antibody detected the TLR7 protein (arrow).