

Datasheet for ABIN7270848
anti-TLR7 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TLR7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TLR7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TLR7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human TLR7
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TLR7
Alternative Name:	TLR7 (TLR7 Products)
Background:	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays

Target Details

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. [provided by RefSeq, Jul 2008],TLR7,TLR7-like,Cell Intrinsic Innate Immunity Signaling Pathway,Epigenetics & Nuclear Signaling,Immunology & Inflammation,Innate Immunity_TLR Signaling,NF-kB Signaling Pathway,Signal Transduction,Toll-like Receptor Signaling Pathway,TLR7

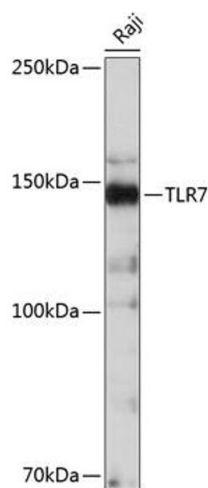
Molecular Weight:	140kDa
Gene ID:	51284
UniProt:	Q9NYK1
Pathways:	TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Raji cells, using TLR7 antibody (ABIN7270848) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.