

Datasheet for ABIN3029177  
**anti-TLR7 antibody (AA 899-926)**



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2 Images

## Overview

Quantity:	0.4 mL
Target:	TLR7
Binding Specificity:	AA 899-926
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 899-926 from the human protein was used as the immunogen for this TLR7 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified

## Target Details

Target:	TLR7
Alternative Name:	TLR7 ( <a href="#">TLR7 Products</a> )
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.

UniProt:	<a href="#">Q9NYK1</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	Titration of the TLR7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

## 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 TLR7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

**Image 1.** TLR7 antibody western blot analysis in HepG2 lysate

Western Blotting

**Image 2.** TLR7 antibody western blot analysis in HepG2 lysate