

Datasheet for ABIN6990456
anti-TLR8 antibody (AA 790-840)



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Overview

Quantity:	0.1 mg
Target:	TLR8
Binding Specificity:	AA 790-840
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	TLR8 antibody was raised against a peptide corresponding to 16 amino acids near the middle of human TLR8. The immunogen is located within amino acids 790 - 840 of TLR8.
Isotype:	IgG
Purification:	TLR8 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TLR8
Alternative Name:	TLR8 (TLR8 Products)
Background:	TLR8 Antibody: Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88

Target Details

and TIRAP to activate various kinases and transcription factors. Like TLR7, TLR8 is localized to endosomal or lysosomal compartments and stimulates the innate immune response after activation by guanosine- and uridine-rich single-stranded RNA. Human but not murine TLR8 confers responsiveness to the antiviral compound R-848.

Molecular Weight: Predicted: 112 kDa

Observed: 107 kDa

Gene ID: 51311

NCBI Accession: [NP_619542](#)

UniProt: [Q9NR97](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: TLR8 antibody can be used for detection of TLR8 by Western blot at 0.5 to 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 2 µg/mL. For immunofluorescence start at 10 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TLR8 Antibody is supplied in PBS containing 0.02 % 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, 4 °C

Storage Comment: TLR8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.