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## Datasheet for ABIN6990453 **anti-TLR10 antibody (AA 600-650)**

### Overview

Quantity:	0.1 mg
Target:	TLR10
Binding Specificity:	AA 600-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	TLR10 antibody was raised against a peptide corresponding to 14 amino acids near the middle of human TLR10. The immunogen is located within amino acids 600 - 650 of TLR10.
Isotype:	IgG
Purification:	TLR10 Antibody is Ion exchange chromatography purified.

### Target Details

Target:	TLR10
Alternative Name:	TLR10 ( <a href="#">TLR10 Products</a> )
Background:	TLR10 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. TLR10 is highly homologous to TLRs 1 and 6 and is most highly expressed in lymphoid tissues. Most recently genetic variation in TLR10 has been associated with contributing to asthma risk. It should be noted that TLR10 exists in mice only as a pseudogene.

Gene ID: 81793

UniProt: [Q9BXR5](#)

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

## Application Details

Application Notes: TLR10 antibody can be used for detection of TLR10 by Western blot at 0.5 to 1 µg/mL. Despite its predicted size of ~90 kDa, a band corresponding to TLR10 is observed at ~75 kDa in immunoblot assays. For immunofluorescence start at 2 µg/mL.

Antibody validated: Western Blot 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: TLR10 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: TLR10 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.