

Datasheet for ABIN6990452 **anti-TLR8 antibody (N-Term)**



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Overview

Quantity:	0.1 mg
Target:	TLR8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TLR8 antibody was raised against a 13 amino acid synthetic peptide near the amino terminus of human TLR8. The immunogen is located within the first 50 amino acids of TLR8.
Isotype:	IgG
Specificity:	At least three isoforms of TLR8 are known to exist. TLR8 antibody is predicted to not cross-react with other TLR protein family members
Purification:	TLR8 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TLR8
Alternative Name:	TLR8 (TLR8 Products)

Target Details

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 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.
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 immunohistochemistry at 5 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Immunohistochemistry in human and mouse 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.