

Rabbit anti-Human, mouse TLR7 Polyclonal Antibody | anti-TLR7 antibody

TLR7 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288693	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

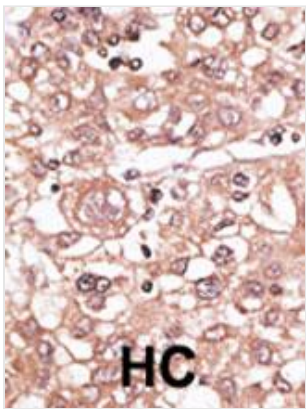
PRODUCT SYNONYMS

TLR7; Polyclonal Antibody; TLR7 Antibody (N-term); Toll-like receptor 7; anti-TLR7 antibody

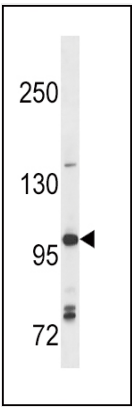
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TLR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-128 amino acids from the N-terminal region of human TLR7.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	98-128
Sequence Length	1049
Applicable Applications for anti-TLR7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

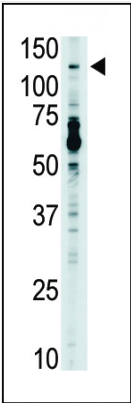
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
TLR7 Antibody (C112) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the TLR7 antibody detected the TLR7 protein (arrow).



WB (Western Blot)
The anti-TLR7 Pab is used in Western blot to detect TLR7 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR7 antibody	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays 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. TLR7 is predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.
Product Categories/Family for anti-TLR7 antibody	Immunology; Signal Transduction
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Ito, T., et al., J. Exp. Med. 195(11):1507-1512 (2002). Du, X., et al., Eur. Cytokine Netw. 11(3):362-371 (2000). Chuang, T.H., et al., Eur. Cytokine Netw. 11(3):372-378 (2000). Rock, F.L., et al., Proc. Natl. Acad. Sci. U.S.A. 95(2):588-593 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706093
NCBI GeneID	51284
NCBI Accession #	NP_057646.1

NCBI GenBank Nucleotide #	NM_016562.3
UniProt Accession #	Q9NYK1 ; Q9NR98 ; D1CS69
Molecular Weight	120922
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll-like receptor 7
NCBI Official Symbol	TLR7
NCBI Official Synonym Symbols	TLR7-like
NCBI Protein Information	toll-like receptor 7
UniProt Protein Name	Toll-like receptor 7
UniProt Gene Name	TLR7
UniProt Entry Name	TLR7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tlr7-antibody-immunohistochemistry-western-blot-elisa/288693>