

Rabbit anti-Human TLR8 Polyclonal Antibody | anti-TLR8 antibody

TLR8 Antibody (Center)

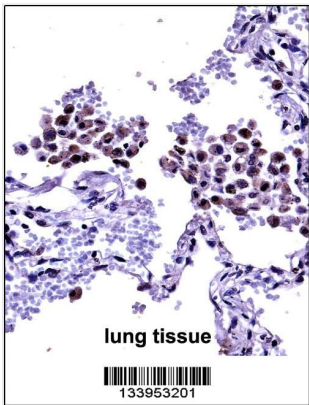
CATALOG # AAA285254	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

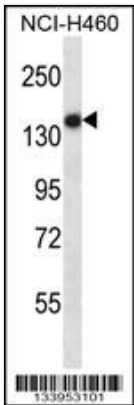
TLR8; Polyclonal Antibody; TLR8 Antibody (Center); Toll-like receptor 8; CD288; anti-TLR8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TLR8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 434-463 amino acids from the Central region of human TLR8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	434-463
Sequence Length	1,059
Applicable Applications for anti-TLR8 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.



IHC (Immunohistochemistry)
TLR8 Antibody (Center) (AAA285254) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TLR8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TLR8 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the TLR8 antibody detected the TLR8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TLR8 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. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X.
Product Categories/Family for anti-TLR8 antibody	Immunology; Microbiology; Neuroscience
References	Zannetti, C., et al. J. Biol. Chem. 285(45):34773-34780(2010) Silva, L.K., et al. Eur. J. Hum. Genet. 18(11):1221-1227(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Cros, J., et al. Immunity 33(3):375-386(2010) Enevold, C., et al. Mult. Scler. 16(8):942-949(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20302168
NCBI GeneID	51311
NCBI Accession #	NP_619542.1
NCBI GenBank Nucleotide #	NM_138636.5
UniProt Accession #	Q9NR97; Q495P4; Q6UXL6; Q9NYG9; B3Y654; D1CS70; D1CS76
Molecular Weight	119828
NCBI Official Full Name	toll-like receptor 8 isoform 2
NCBI Official Synonym Full Names	toll-like receptor 8
NCBI Official Symbol	TLR8

NCBI Official Synonym Symbols	CD288
NCBI Protein Information	toll-like receptor 8
UniProt Protein Name	Toll-like receptor 8
UniProt Gene Name	TLR8
UniProt Entry Name	TLR8_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/tlr8-antibody-immunohistochemistry-western-blot-elisa/285254>