

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

Rabbit Polyclonal (IgG) to Human TLR7

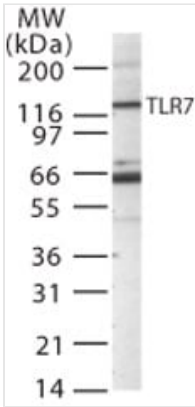
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50861	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

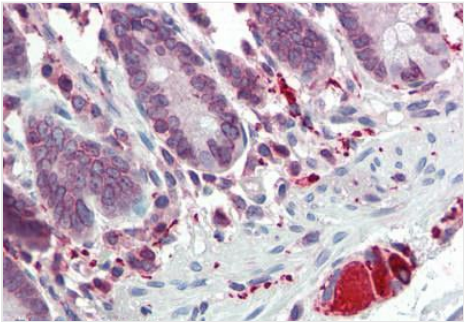
TLR7; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human TLR7; Anti-TLR7 Antibody (aa706-728) IHC-plus; Toll-like receptor 7; Human TLR7; anti-TLR7 antibody

PRODUCT SPECIFICATIONS

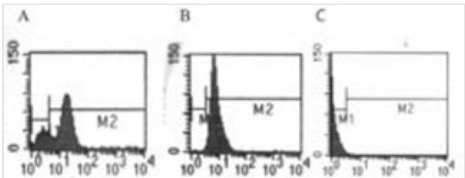
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	KLH-conjugated synthetic peptide corresponding to amino acids 706-728 of human TLR7. It will cross-react with mouse TLR7. In human Ramos cells, additional bands are seen.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1049
Applicable Applications for anti-TLR7 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human TLR7.
Immunogen Type	Synthetic peptide
Immunogen	TLR7 antibody was raised against synthetic peptide from human TLR7.
Antigen Modification	aa706-728
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.



WB (Western Blot)
Western blot of TLR7 in Raw cell lysate using antibody at 1 ug/ml.



IHC (Immunohistochemistry)
Anti-TLR7 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



FCM/FACS (Flow Cytometry)
Intracellular staining by FACS analysis of TLR7 in Ramos cells (A) and Raw cells (B) using antibody at 2 ug/ml. Histogram C shows the rabbit IgG isotype control.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR7 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.
Product Categories/Family for anti-TLR7 antibody	Family: Toll-like Receptor

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	120,922 Da
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; toll-like receptor 7-like
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://stage.aaabiotech.com/polyclonal/tlr7-antibody-flow-cytometry-western-blot-immunohistochemistry-immunohistochemistry-elisa/50861>