

Rabbit TLR7 Polyclonal Antibody | anti-TLR7 antibody

TLR7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37272	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

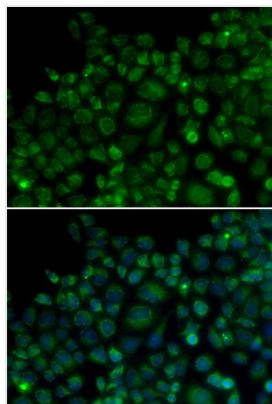
PRODUCT SYNONYMS

TLR7; Polyclonal Antibody; TLR7 Polyclonal Antibody; anti-TLR7 antibody

PRODUCT SPECIFICATIONS

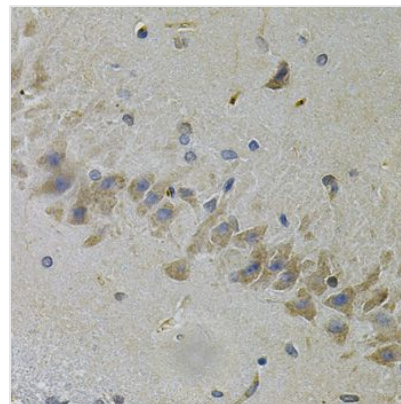
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	1049
Applicable Applications for anti-TLR7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human TLR7(NP_057646.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



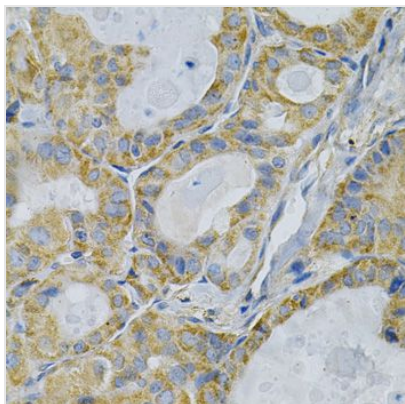
IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using TLR7 antibody (AAA37272). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using TLR7 Antibody (AAA37272) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human thyroid cancer using TLR7
 Antibody(AAA37272) at dilution of 1:100 (40x lens).

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. This gene 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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140876
NCBI GeneID	51284
UniProt Accession #	Q9NYK1; Q9NR98; D1CS69
Molecular Weight	120kDa
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.