TLR7 polyclonal antibody

Catalog: BS91355	Host: Rabbit	Reactivity: Human, mouse, rat

BackGround:

Members of the Toll-like receptor (TLR) family, named for the closely related Toll receptor in Drosophila, play a pivotal role in innate immune responses. TLRs recognize conserved motifs found in various pathogens and mediate defense responses. TLR7, 8 and 9 form a group of structurally related TLR family members that are localized to intracellular endosomes . TLR7 shows highest expression in lung, placenta, and spleen. TLR7 mediates responses to a class of synthetic compounds, including imidazoquinolines, guanosine-based drugs that induce anti-viral responses.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

140 kDa

Swiss-Prot:

Q9NYK1

Purification&Purity:

Peptide affinity purified
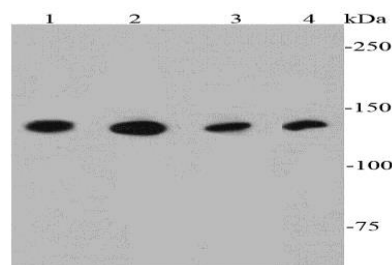
Applications:

WB:1:1,000

IHC:1:200

Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.
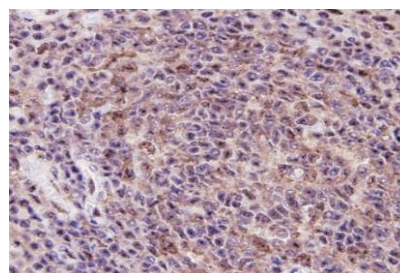
Specificity:

TLR7 polyclonal antibody detects endogenous levels of TLR7 protein.

DATA:

Western blot analysis of TLR7 on different cell lysates using anti-TLR7 antibody at 1/1000 dilution. Positive control: Lane 1: Raji Lane 2: Daudi Lane 3: Jurkat Lane 4: THP-1

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-TLR7 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.