

# TLR7 Antibody

Catalog No: T56812

Reactivity: Human

IsoType: Rabbit IgG

Applications: WB IHC



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400-6123-828

## Information

**UniProt ID:** Q9NYK1

**All Names:** PRO285; TLR 7; Tlr7; Toll like receptor 7; UNQ248;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

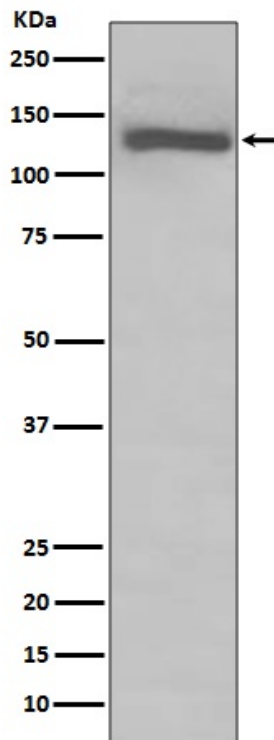
**Molecular Wt.:** 140kDa

## Application

WB 1:500~1:2000 IHC 1:50~1:200

## Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.



Western blot analysis of TLR7 expression in Raji cell lysate.