

Datasheet for ABIN7432529
anti-TLR4 antibody (AA 49-247)

7 Images

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Overview

Quantity:	100 µL
Target:	TLR4
Binding Specificity:	AA 49-247
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Toll Like Receptor 4 (TLR4)
Immunogen:	Recombinant Toll Like Receptor 4 (TLR4) corresponding to His49~Gln247 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TLR4. It has been selected for its ability to recognize TLR4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

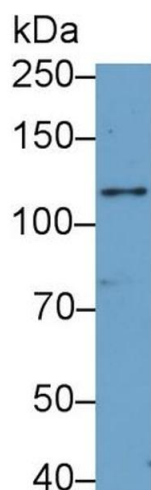
Target:	TLR4
Alternative Name:	Toll Like Receptor 4 (TLR4 Products)
Background:	CD284, TOLL, HToll
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades , Inflammasome , S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

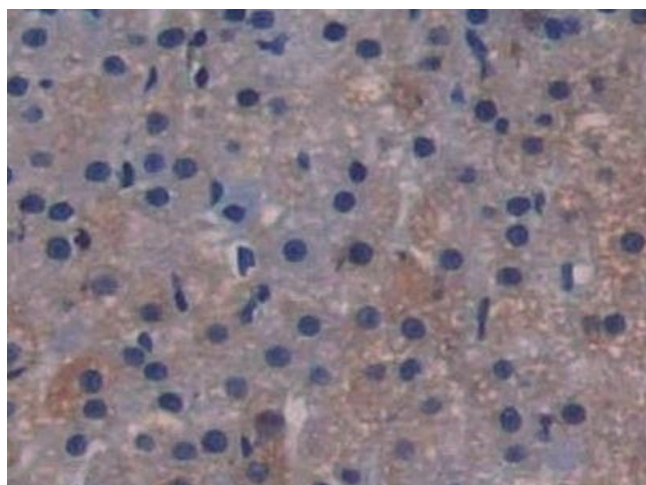
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



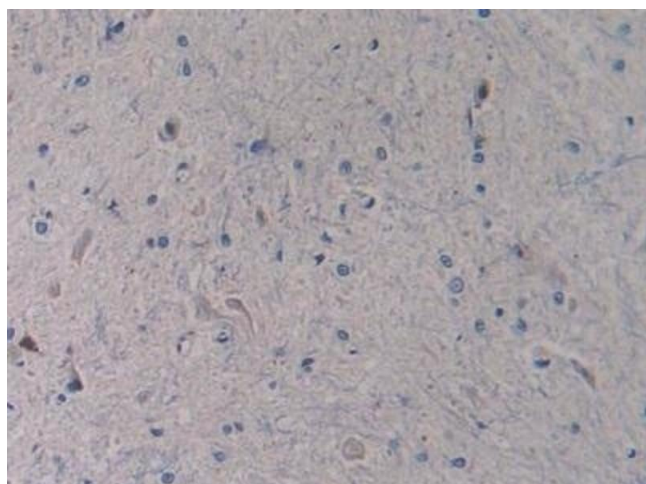
Western Blotting

Image 1. Detection of TLR4 in HeLa cell lysate using Polyclonal Antibody to Toll Like Receptor 4 (TLR4)



Immunohistochemistry

Image 2. Detection of TLR4 in Rat Adrenal gland Tissue using Polyclonal Antibody to Toll Like Receptor 4 (TLR4)



Immunohistochemistry

Image 3. Detection of TLR4 in Rat Spinal cord Tissue using Polyclonal Antibody to Toll Like Receptor 4 (TLR4)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7432529.