

Datasheet for ABIN625866
anti-TLR9 antibody (N-Term)



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2 Images

Overview

Quantity:	50 µg
Target:	TLR9
Binding Specificity:	AA 204-224, N-Term
Reactivity:	Mouse, Hamster
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TLR9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide LSLKYNNLTQVPRQLPPSLEY-C corresponding to amino acids 204-224 of the N-terminal domain of mouse TLR9. Percent identity by BLAST analysis: Mouse, Hamster (100%), Rat (95%), Dog, Cat, Horse (90%), Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Pig (86%), Sheep, Goat, Zebu, Bovine, Rabbit (81%). Type of Immunogen: Synthetic peptide
Specificity:	Peptide sequence is <50 % identical to other mouse TLR receptors in this region. The antibody recognizes mouse TLR9 and human TLR9.
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse, Hamster (100%) Rat (95%) Dog, Cat, Horse (90%)

Product Details

Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Pig (86%) Sheep, Goat, Zebu, Bovine, Rabbit (81%).

Purification: Immunoaffinity purified

Target Details

Target: TLR9

Alternative Name: TLR9 ([TLR9 Products](#))

Background: Name/Gene ID: TLR9
Family: Toll-like Receptor

Synonyms: TLR9, CD289, CD289 antigen, Scri2a, Toll-like receptor 9

Gene ID: 54106

UniProt: [Q9NR96](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Approved: ELISA, ICC (1:200), IHC, IHC-P (2.5 µg/mL), WB

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Phosphate buffered saline, 1 mg/mL BSA, 0.1 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

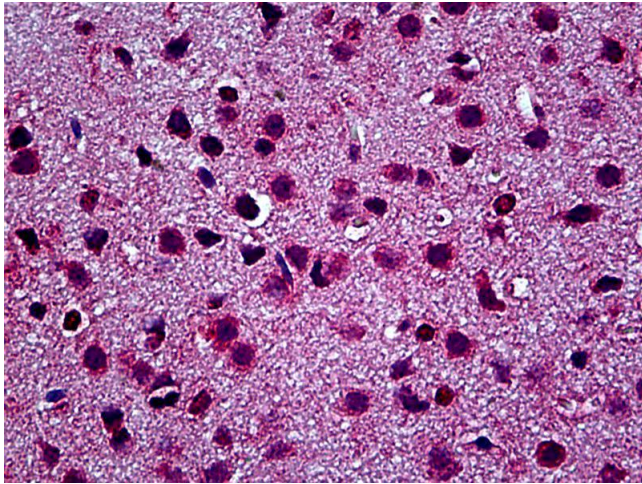
Handling Advice: Aliquot to Avoid freeze/thaw cycles.

Storage: -20 °C

Handling

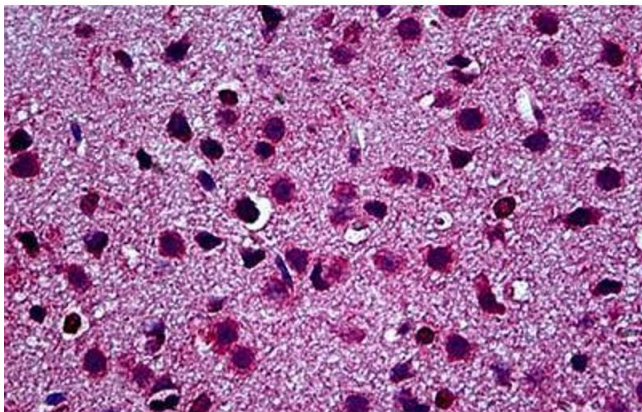
Storage Comment: Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-TLR9 antibody IHC of mouse brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Mouse Brain: Formalin-Fixed, Paraffin-Embedded (FFPE)