

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

TLR4 antibody

RRID:AB_10638446

Type: Antibody

Proper Citation

Proteintech Cat# 19811-1-AP, RRID:AB_10638446

Antibody Information

URL: http://antibodyregistry.org/AB_10638446

Proper Citation: Proteintech Cat# 19811-1-AP, RRID:AB_10638446

Target Antigen: TLR4

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IHC, IF, CoIP, ELISA

Antibody Name: TLR4 antibody

Description: This polyclonal targets TLR4

Target Organism: rat, hamster, swine, mouse, calf, human

Antibody ID: AB_10638446

Vendor: Proteintech

Catalog Number: 19811-1-AP

Record Creation Time: 20250820T013634+0000

Record Last Update: 20250820T112254+0000

Ratings and Alerts

No rating or validation information has been found for TLR4 antibody.

No alerts have been found for TLR4 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chen Y, et al. (2025) Astrocytic AEG-1 drives neuroinflammation and enhances seizure susceptibility. *Neurobiology of disease*, 212, 106957.

Liu X, et al. (2025) A novel carbamate-based hybrid derivative with anti-neuroinflammatory properties as a selective butyrylcholinesterase inhibitor for Alzheimer's disease therapy. *Bioorganic chemistry*, 161, 108551.

Wang M, et al. (2025) Interactive effects of Bisphenol F exposure and TLR4 rs4986790 on unexplained miscarriage. *EBioMedicine*, 121, 105968.

Zou C, et al. (2024) ??-chitosan attenuates hepatic macrophage-driven inflammation and reverses aging-related cognitive impairment. *iScience*, 27(9), 110766.

Park J, et al. (2024) Peroxiredoxin 1-Toll-like receptor 4-p65 axis inhibits receptor activator of nuclear factor kappa-B ligand-mediated osteoclast differentiation. *iScience*, 27(12), 111455.

Cui Y, et al. (2024) DL-3-n-Butylphthalide Ameliorates Post-stroke Emotional Disorders by Suppressing Neuroinflammation and PANoptosis. *Neurochemical research*, 49(8), 2215.

Yin XY, et al. (2023) Muse cells decrease the neuroinflammatory response by modulating the proportion of M1 and M2 microglia in vitro. *Neural regeneration research*, 18(1), 213.

Gu J, et al. (2022) Preventive effect of sanguinarine on intestinal injury in mice exposed to whole abdominal irradiation. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 146, 112496.

Purandare N, et al. (2022) Lipopolysaccharide induces placental mitochondrial dysfunction in murine and human systems by reducing MNRR1 levels via a TLR4-independent pathway. *iScience*, 25(11), 105342.