

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

IkappaB-alpha (H-4)

RRID:AB_627772

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-1643, RRID:AB_627772

Antibody Information

URL: http://antibodyregistry.org/AB_627772

Proper Citation: Santa Cruz Biotechnology Cat# sc-1643, RRID:AB_627772

Target Antigen: IkappaB-alpha (H-4)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P), FCM, ELISA; ELISA; Flow Cytometry; Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry; Immunoprecipitation

Antibody Name: IkappaB-alpha (H-4)

Description: This monoclonal targets IkappaB-alpha (H-4)

Target Organism: rat, mouse, bovine, human

Antibody ID: AB_627772

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-1643

Record Creation Time: 20231110T080408+0000

Record Last Update: 20260829T190046+0000

Ratings and Alerts

No rating or validation information has been found for IkappaB-alpha (H-4).

No alerts have been found for IkappaB-alpha (H-4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Hou J, et al. (2025) Formyl peptide receptor 2 (FPR2) mediates cisplatin-induced cochlear inflammation and hair cell apoptosis. *Toxicology*, 517, 154229.

Zhang Y, et al. (2025) Gamma-glutamyl transferase 5 overexpression in cerebrovascular endothelial cells improves brain pathology, cognition, and behavior in APP/PS1 mice. *Neural regeneration research*, 20(2), 533.

Zhang L, et al. (2025) Xuebijing injection alleviates septic acute kidney injury by modulating inflammation, mitochondrial dysfunction, and endoplasmic reticulum stress. *Renal failure*, 47(1), 2483986.

Hristova DB, et al. (2024) DNA-PKcs is required for cGAS/STING-dependent viral DNA sensing in human cells. *iScience*, 27(1), 108760.

Ma MH, et al. (2023) Repurposing nitazoxanide as a novel anti-atherosclerotic drug based on mitochondrial uncoupling mechanisms. *British journal of pharmacology*, 180(1), 62.

Borgonetti V, et al. (2023) Microglia senescence is related to neuropathic pain-associated comorbidities in the spared nerve injury model. *Pain*, 164(5), 1106.

Borgonetti V, et al. (2022) Attenuation of neuroinflammation in microglia cells by extracts with high content of rosmarinic acid from in vitro cultured *Melissa officinalis* L. cells. *Journal of pharmaceutical and biomedical analysis*, 220, 114969.

Borgonetti V, et al. (2022) Rosmarinic Acid Reduces Microglia Senescence: A Novel Therapeutic Approach for the Management of Neuropathic Pain Symptoms. *Biomedicines*, 10(7).

Borgonetti V, et al. (2021) Targeting the RNA-Binding Protein HuR Alleviates Neuroinflammation in Experimental Autoimmune Encephalomyelitis: Potential Therapy for Multiple Sclerosis. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 18(1), 412.

Cevey AC, et al. (2019) IL-10/STAT3/SOCS3 Axis Is Involved in the Anti-inflammatory Effect of Benznidazole. *Frontiers in immunology*, 10, 1267.

Agarwal S, et al. (2019) PI3K inhibitors protect against glucocorticoid-induced skin atrophy. *EBioMedicine*, 41, 526.

Clauzure M, et al. (2017) Intracellular Chloride Concentration Changes Modulate IL-1 β Expression and Secretion in Human Bronchial Epithelial Cultured Cells. *Journal of cellular biochemistry*, 118(8), 2131.