Resource Summary Report

Generated by RRID on Aug 1, 2026

TBK1/NAK (D1B4) XP(tm) Rabbit mAb

RRID:AB_2255663
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3504, RRID:AB_2255663

Antibody Information

URL: http://antibodyregistry.org/AB_2255663

Proper Citation: Cell Signaling Technology Cat# 3504, RRID:AB_2255663

Target Antigen: Tbk1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: TBK1/NAK (D1B4) XP(tm) Rabbit mAb

Description: This monoclonal targets Tbk1

Target Organism: rat, mouse, human

Antibody ID: AB_2255663

Vendor: Cell Signaling Technology

Catalog Number: 3504

Record Creation Time: 20250820T015549+0000

Record Last Update: 20250820T121428+0000

Ratings and Alerts

No rating or validation information has been found for TBK1/NAK (D1B4) XP(tm) Rabbit mAb.

No alerts have been found for TBK1/NAK (D1B4) XP(tm) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 183 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Han J, et al. (2026) A chemical agonist and the Golgi-resident lipid PI4P activate STING by inducing transmembrane helix rearrangement. Immunity, 59(1), 34.

Khan F, et al. (2026) Microglial TBK1 Signaling Promotes Breast Cancer Brain Metastasis. Cancer research, 86(1), 12.

Wu MM, et al. (2026) Macrophage PD-1 regulates energy expenditure and metabolic dysfunction under immune checkpoint blockade. Cell metabolism, 38(1), 208.

Zhang F, et al. (2025) Nuclear U1 snRNA facilitates the dimerization of hnRNPA2B1 to enhance anti-DNA viral innate immunity. Cell reports, 44(11), 116462.

Zhu L, et al. (2025) MPXV infection activates cGAS-STING signaling and IFN-I treatment reduces pathogenicity of mpox in CAST/EiJ mice and rhesus macaques. Cell reports. Medicine, 6(5), 102135.

Hung C, et al. (2025) Mislocalization of nucleic acids is a convergent and targetable mechanism in Alzheimer's disease and frontotemporal dementia. Cell reports, 44(7), 115867.

Cheng C, et al. (2025) Dual roles of TRPV2 in the innate immune response to cytosolic DNA: Arresting dormant and boosting activated STING. Cell reports, 45(1), 116745.

Zheng W, et al. (2025) Puromycin-sensitive aminopeptidase acts as an inhibitory auxiliary subunit of volume-regulated anion channels and regulates cGAMP transport. Molecular cell, 85(24), 4621.

Wang Y, et al. (2025) Innate immune and metabolic signals induce mitochondria-dependent membrane lysis via mitoxyperiosis. Cell, 188(25), 7155.

Lu X, et al. (2025) E3 ligase SYVN1-mediated polyubiquitination of CPSF6 promotes alternative polyadenylation and antivirus effects of macrophages. Cell reports, 44(2), 115276.

Zhao D, et al. (2025) MAVS phosphorylation acts as a cellular stress sensor that modulates antiviral immunity. iScience, 28(9), 113256.

Wang X, et al. (2025) The bridge-like lipid transport protein VPS13C/PARK23 mediates ER-lysosome contacts following lysosome damage. Nature cell biology, 27(5), 776.

Geng L, et al. (2025) Systematic profiling reveals betaine as an exercise mimetic for geroprotection. Cell.

Stokes C, et al. (2025) The human neural cell atlas of Zika virus infection in developing brain tissue. Cell reports. Medicine, 6(6), 102189.

Ludwig MP, et al. (2025) NF-??B signaling directs a program of transient amplifications at innate immune response genes. bioRxiv : the preprint server for biology.

Zhou J, et al. (2025) Herpes simplex virus type 1 disseminates from the cornea to the CNS in mice by thwarting type III interferon immune defenses. Cell reports, 44(12), 116581.

Xu Y, et al. (2025) The cGAS-STING pathway activates transcription factor TFEB to stimulate lysosome biogenesis and pathogen clearance. Immunity, 58(2), 309.

Poddar S, et al. (2025) ArfGAP2 promotes STING proton channel activity, cytokine transit, and autoinflammation. Cell, 188(6), 1605.

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. Immunity, 58(4), 811.

Lin SH, et al. (2025) Plinabulin following radiation enhances dendritic cell maturation and checkpoint inhibitor retreatment of relapsed/refractory cancers. Med (New York, N.Y.), 100752.