

# Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

## Sumo 2+3 antibody

RRID:AB\_304041

Type: Antibody

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### Proper Citation

Abcam Cat# ab3742, RRID:AB\_304041

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_304041](http://antibodyregistry.org/AB_304041)

**Proper Citation:** Abcam Cat# ab3742, RRID:AB\_304041

**Target Antigen:** Sumo 2+3 antibody

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; Immunofluorescence; ICC, ICC/IF, IF, IHC-P, WB

**Antibody Name:** Sumo 2+3 antibody

**Description:** This polyclonal targets Sumo 2+3 antibody

**Target Organism:** hamster, chinese hamster, mouse, human

**Antibody ID:** AB\_304041

**Vendor:** Abcam

**Catalog Number:** ab3742

**Record Creation Time:** 20250819T210343+0000

**Record Last Update:** 20250819T214346+0000

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### Ratings and Alerts

No rating or validation information has been found for Sumo 2+3 antibody.

No alerts have been found for Sumo 2+3 antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Kinoshita K, et al. (2025) Inhibition of SUMOylation exacerbates neurological dysfunction and delays hematoma clearance after intracerebral hemorrhage in mice. *Neuroscience*, 568, 433.

Kim D, et al. (2025) TRIM24 directs replicative stress responses to maintain ALT telomeres via chromatin signaling. *Molecular cell*, 85(14), 2636.

Liu JCY, et al. (2024) Concerted SUMO-targeted ubiquitin ligase activities of TOPORS and RNF4 are essential for stress management and cell proliferation. *Nature structural & molecular biology*, 31(9), 1355.

Cossec JC, et al. (2023) Transient suppression of SUMOylation in embryonic stem cells generates embryo-like structures. *Cell reports*, 42(4), 112380.

Boivin M, et al. (2021) Translation of GGC repeat expansions into a toxic polyglycine protein in NIID defines a novel class of human genetic disorders: The polyG diseases. *Neuron*, 109(11), 1825.

Liu JCY, et al. (2021) Mechanism and function of DNA replication-independent DNA-protein crosslink repair via the SUMO-RNF4 pathway. *The EMBO journal*, 40(18), e107413.

Dirac-Svejstrup AB, et al. (2020) DDI2 Is a Ubiquitin-Directed Endoprotease Responsible for Cleavage of Transcription Factor NRF1. *Molecular cell*, 79(2), 332.

Psakhye I, et al. (2019) SUMO-Chain-Regulated Proteasomal Degradation Timing Exemplified in DNA Replication Initiation. *Molecular cell*, 76(4), 632.

Yang CY, et al. (2019) Conditional Deletion of CC2D1A Reduces Hippocampal Synaptic Plasticity and Impairs Cognitive Function through Rac1 Hyperactivation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(25), 4959.

Borgermann N, et al. (2019) SUMOylation promotes protective responses to DNA-protein crosslinks. *The EMBO journal*, 38(8).

Rousseaux MW, et al. (2018) Depleting Trim28 in adult mice is well tolerated and reduces levels of ??-synuclein and tau. *eLife*, 7.