

# Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

## RAGE antibody

RRID:AB\_303947

Type: Antibody

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### Proper Citation

Abcam Cat# ab3611, RRID:AB\_303947

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_303947](http://antibodyregistry.org/AB_303947)

**Proper Citation:** Abcam Cat# ab3611, RRID:AB\_303947

**Target Antigen:** RAGE

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Flow Cytometry; Immunohistochemistry; Western Blot; Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Western Blot

**Antibody Name:** RAGE antibody

**Description:** This polyclonal targets RAGE

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_303947

**Vendor:** Abcam

**Catalog Number:** ab3611

**Record Creation Time:** 20250819T204735+0000

**Record Last Update:** 20250819T205010+0000

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### Ratings and Alerts

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

No alerts have been found for RAGE antibody.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Zhu Y, et al. (2026) High-mobility Group Protein 1/ Receptor for Advanced Glycation End Products/ Nuclear Factor- $\kappa$ B Signalling Pathway Contributes to the Pathogenic Process of Striatal Neuron Impairment in the Rat Model of Parkinson's Disease. *Brain and behavior*, 16(2), e71133.

Majerova P, et al. (2025) A physiologically relevant blood-cerebrospinal fluid barrier model to study the permeability of neurodegenerative biomarkers. *European journal of cell biology*, 104(4), 151517.

Naser N, et al. (2024) Advanced glycated end-products inhibit dilation through constitutive endothelial RAGE and Nox1/4 in rat isolated skeletal muscle arteries. *Microcirculation (New York, N.Y. : 1994)*, 31(1), e12837.

Long H, et al. (2022) Interaction of RAGE with  $\alpha$ -synuclein fibrils mediates inflammatory response of microglia. *Cell reports*, 40(12), 111401.

Zeng F, et al. (2021) Receptor for advanced glycation end products up-regulation in cerebral endothelial cells mediates cerebrovascular-related amyloid  $\beta$  accumulation after *Porphyromonas gingivalis* infection. *Journal of neurochemistry*, 158(3), 724.

Jambusaria A, et al. (2020) Endothelial heterogeneity across distinct vascular beds during homeostasis and inflammation. *eLife*, 9.

Bannai T, et al. (2019) Chronic cerebral hypoperfusion shifts the equilibrium of amyloid  $\beta$  oligomers to aggregation-prone species with higher molecular weight. *Scientific reports*, 9(1), 2827.

van Soldt BJ, et al. (2019) Yap and its subcellular localization have distinct compartment-specific roles in the developing lung. *Development (Cambridge, England)*, 146(9).

Shi X, et al. (2018) Neuroprotective effects of SMTP-44D in mice stroke model in relation to neurovascular unit and trophic coupling. *Journal of neuroscience research*, 96(12), 1887.

Hartz AMS, et al. (2018) Preventing P-gp Ubiquitination Lowers A $\beta$  Brain Levels in an Alzheimer's Disease Mouse Model. *Frontiers in aging neuroscience*, 10, 186.