

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 28, 2025

SIGMAR1 antibody

RRID:AB_2301712

Type: Antibody

Proper Citation

(Proteintech Cat# 15168-1-AP, RRID:AB_2301712)

Antibody Information

URL: http://antibodyregistry.org/AB_2301712

Proper Citation: (Proteintech Cat# 15168-1-AP, RRID:AB_2301712)

Target Antigen: SIGMAR1

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: SIGMAR1 antibody

Description: This polyclonal targets SIGMAR1

Target Organism: rat, mouse, human

Antibody ID: AB_2301712

Vendor: Proteintech

Catalog Number: 15168-1-AP

Record Creation Time: 20231110T073555+0000

Record Last Update: 20241115T024258+0000

Ratings and Alerts

No rating or validation information has been found for SIGMAR1 antibody.

No alerts have been found for SIGMAR1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Barr J, et al. (2024) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a mouse model of head-and-neck cancer. *eLife*, 13.

Knupp J, et al. (2024) Sigma-1 receptor recruits LC3 mRNA to ER-associated omegasomes to promote localized LC3 translation enabling functional autophagy. *Cell reports*, 43(8), 114619.

Zhao F, et al. (2024) GRP75-dependent mitochondria-ER contacts ensure cell survival during early mouse thymocyte development. *Developmental cell*, 59(19), 2643.

Raby A, et al. (2024) Spastin regulates ER-mitochondrial contact sites and mitochondrial homeostasis. *iScience*, 27(9), 110683.

Wang Z, et al. (2023) Regenerative peripheral nerve interface prevents neuroma formation after peripheral nerve transection. *Neural regeneration research*, 18(4), 814.

Barr J, et al. (2023) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a male mouse model of head-and-neck cancer. *bioRxiv : the preprint server for biology*.

Morihara R, et al. (2018) Protective effect of a novel sigma-1 receptor agonist is associated with reduced endoplasmic reticulum stress in stroke male mice. *Journal of neuroscience research*, 96(10), 1707.

Zhang K, et al. (2017) Sigma-1 Receptor Plays a Negative Modulation on N-type Calcium Channel. *Frontiers in pharmacology*, 8, 302.