

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

KGA/GAC antibody

RRID:AB_2110381

Type: Antibody

Proper Citation

(Proteintech Cat# 12855-1-AP, RRID:AB_2110381)

Antibody Information

URL: http://antibodyregistry.org/AB_2110381

Proper Citation: (Proteintech Cat# 12855-1-AP, RRID:AB_2110381)

Target Antigen: KGA/GAC

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.

Applications: WB, IP, IHC, IF, ELISA

Used By NYUIHC-1086

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: KGA/GAC antibody

Description: This polyclonal targets KGA/GAC

Target Organism: rat, mouse, cat, human

Antibody ID: AB_2110381

Vendor: Proteintech

Catalog Number: 12855-1-AP

Record Creation Time: 20231110T074444+0000

Record Last Update: 20241115T003636+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for KGA/GAC antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Li D, et al. (2024) Aging-induced tRNAGlu-derived fragment impairs glutamate biosynthesis by targeting mitochondrial translation-dependent cristae organization. Cell metabolism.

Li M, et al. (2024) AMPK targets PDZD8 to trigger carbon source shift from glucose to glutamine. Cell research, 34(10), 683.

Han X, et al. (2024) Activation of polyamine catabolism promotes glutamine metabolism and creates a targetable vulnerability in lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 121(13), e2319429121.

Sponagel J, et al. (2022) Sex differences in brain tumor glutamine metabolism reveal sex-specific vulnerabilities to treatment. Med (New York, N.Y.), 3(11), 792.

Choudhury D, et al. (2022) Inhibition of glutaminolysis restores mitochondrial function in senescent stem cells. Cell reports, 41(9), 111744.

Huang T, et al. (2021) Andrographolide prevents bone loss via targeting estrogen-related receptor-?-regulated metabolic adaption of osteoclastogenesis. British journal of pharmacology, 178(21), 4352.

Jin H, et al. (2020) A powerful drug combination strategy targeting glutamine addiction for the

treatment of human liver cancer. *eLife*, 9.

Byun JK, et al. (2020) Inhibition of Glutamine Utilization Synergizes with Immune Checkpoint Inhibitor to Promote Antitumor Immunity. *Molecular cell*, 80(4), 592.

Zhou H, et al. (2020) Glia-to-Neuron Conversion by CRISPR-CasRx Alleviates Symptoms of Neurological Disease in Mice. *Cell*, 181(3), 590.

Chan K, et al. (2019) eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. *Nature communications*, 10(1), 5151.