

## GAR1 RABBIT PAB

**Cat.#:** S218177

**Product Name:** Anti-GAR1 Rabbit Polyclonal Antibody

**Synonyms:** NOLA1

**UNIPROT ID:** Q9NY12 (Gene Accession - BC003413 )

**Background:** This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA2 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to *Saccharomyces cerevisiae* Gar1p. Two splice variants have been found for this gene.

**Immunogen:** Fusion protein of human GAR1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

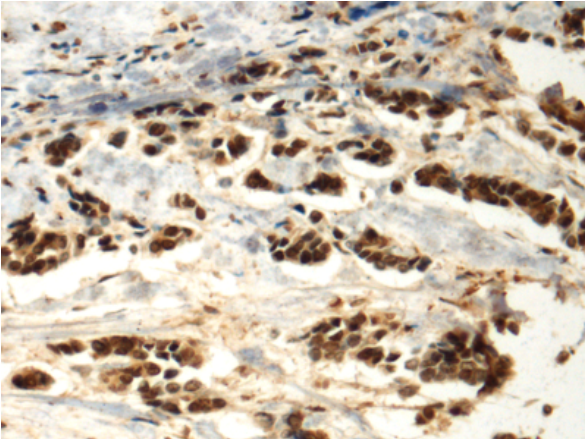
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

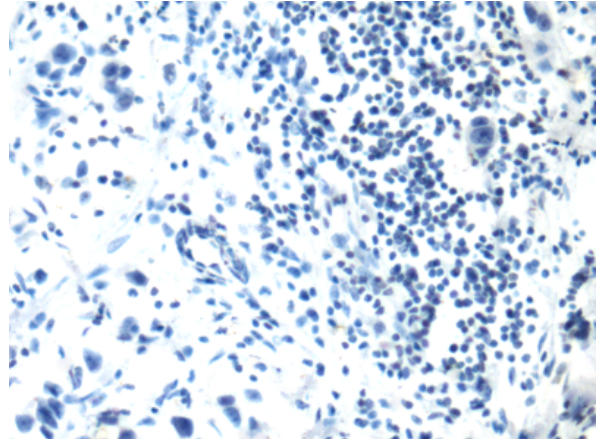
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

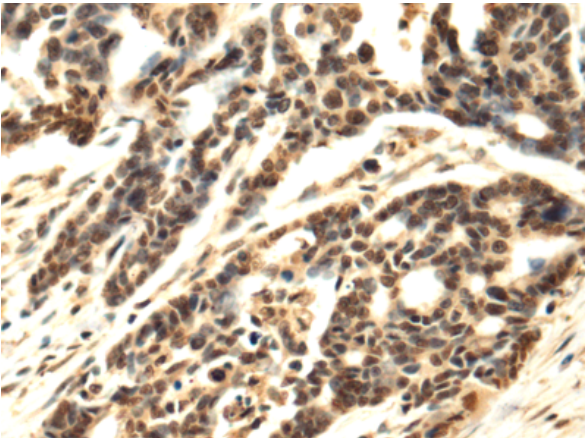
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



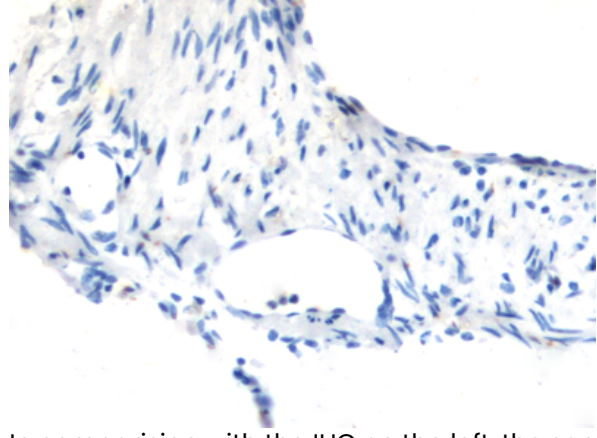
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 218177(GAR1 Antibody) at a dilution of 1/65(Nucleus).



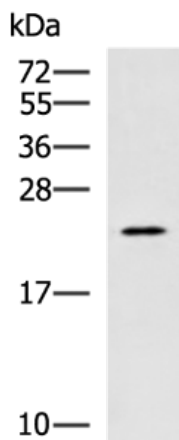
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 218177(Anti-GAR1 Antibody) at dilution 1/65.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 218177(Anti-GAR1 Antibody) at a dilution of 1/65.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with fusion protein and then with D223885(Anti-GAR1 Antibody) at dilution 1/65.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse liver tissue lysate;  
Primary antibody: 218177(GAR1 Antibody) at dilution 1/550;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 5 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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