

Datasheet for ABIN655812  
**anti-GAS1 antibody (N-Term)**[Go to Product page](#)

4 Images

1 Publication

## Overview

Quantity:	400 µL
Target:	GAS1
Binding Specificity:	AA 95-127, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This GAS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-127 amino acids from the N-terminal region of human GAS1.
Clone:	RB14523
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	GAS1
Alternative Name:	GAS1 ( <a href="#">GAS1 Products</a> )
Background:	Growth arrest-specific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and

## Target Details

prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene.

Gene ID: 2619

NCBI Accession: [NP\\_002039](#)

UniProt: [P54826](#)

## Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

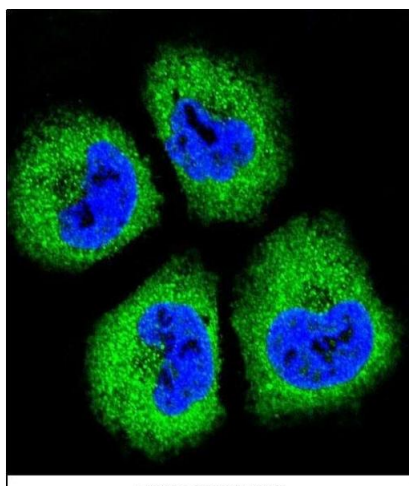
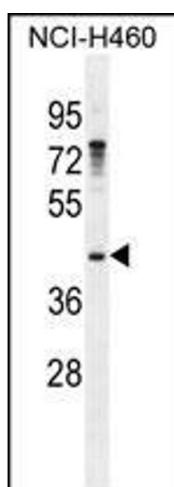
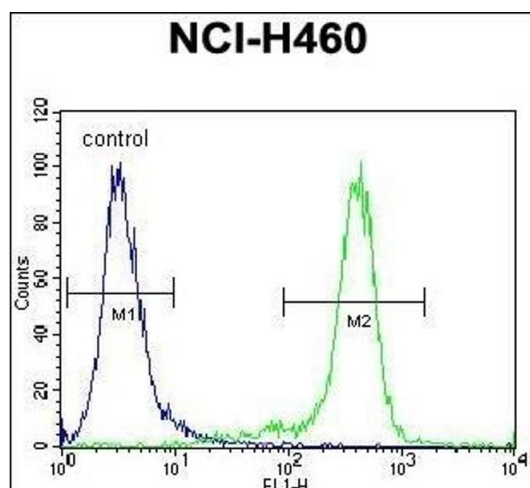
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

## Publications

Product cited in: Li, Qin, Wei, Lian, Li, Xu, Li, Li, Cai: "Gas1 Inhibits Metastatic and Metabolic Phenotypes in Colorectal Carcinoma." in: **Molecular cancer research : MCR**, Vol. 14, Issue 9, pp. 830-40, (2017) ([PubMed](#)).



### Flow Cytometry

**Image 1.** GAS1 Antibody (N-term) (ABIN655812 and ABIN2845237) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** GAS1 Antibody (N-term) (ABIN655812 and ABIN2845237) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the GAS1 antibody detected the GAS1 protein (arrow).

### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of GAS1 Antibody (N-term) (ABIN655812 and ABIN2845237) with NCI- cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655812.