

Product datasheet for **AP51781PU-N**

GAS1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/50-1/100. Flow Cytometry: 1/10-1/50. Immunofluorescence: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 102-136 amino acids from the N-terminal region of human GAS1
Specificity:	This antibody recognizes Human and Mouse GAS1 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	growth arrest specific 1
Database Link:	Entrez Gene 2619 Human P54826
Background:	Growth arrest-specific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene.



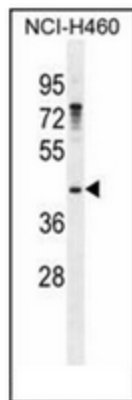
[View online »](#)

Synonyms: Growth arrest-specific protein 1, GAS-1

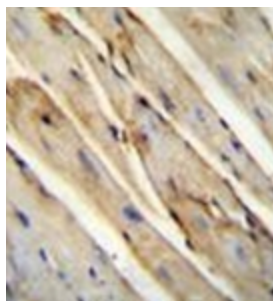
Note: **Molecular Weight:** 35693 Da

Protein Pathways: Hedgehog signaling pathway

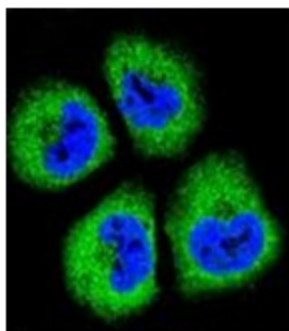
Product images:



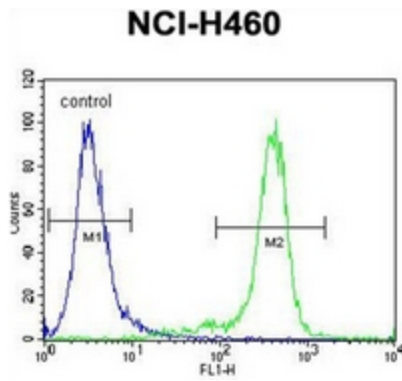
Western blot analysis of GAS1 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the GAS1 antibody detected the GAS1 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue reacted with GAS1 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Confocal immunofluorescent analysis of GAS1 Antibody (N-term) with NCI-H460 cell followed by Alexa Fluor[®]488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Flow cytometric analysis of NCI-H460 cells using GAS1 Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.