

Product datasheet

info@arigobio.com

ARG58714 anti-GAS2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes GAS2

Tested Reactivity Hu, Ms
Tested Application IHC-P, WB
Host Rabbit

Clonality Polyclonal

Isotype IgG
Target Name GAS2

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-100 of Human GAS2 (NP_005247.1).

Conjugation Un-conjugated

Alternate Names Growth arrest-specific protein 2; GAS-2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse kidney	
Observed Size	37 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol GAS2

Gene Full Name growth arrest-specific 2

Background The protein encoded by this gene is a caspase-3 substrate that plays a role in regulating microfilament

and cell shape changes during apoptosis. It can also modulate cell susceptibility to p53-dependent apoptosis by inhibiting calpain activity. Multiple alternatively spliced variants, encoding the same

protein, have been identified. [provided by RefSeq, Jan 2009]

Function May play a role in apoptosis by acting as a cell death substrate for caspases. Is cleaved during apoptosis

and the cleaved form induces dramatic rearrangements of the actin cytoskeleton and potent changes in the shape of the affected cells. May be involved in the membrane ruffling process (By similarity).

[UniProt]

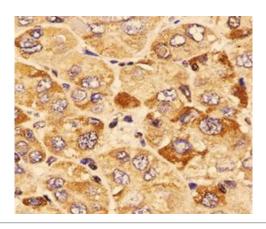
Calculated Mw 35 kDa

PTM Cleaved, during apoptosis, on a specific aspartic residue by caspases.

Phosphorylated on serine residues during the G0-G1 transition phase. [UniProt]

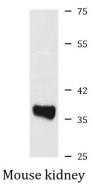
Cellular Localization Cytoplasm, cytoskeleton, Membrane, Peripheral membrane protein. [UniProt]

Images



ARG58714 anti-GAS2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver cancer stained with ARG58714 anti-GAS2 antibody at 1:200 dilution.



ARG58714 anti-GAS2 antibody WB image

Western blot: 25 μg of Mouse kidney lysate stained with ARG58714 anti-GAS2 antibody at 1:1000 dilution.