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GAS2L1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10234B

Product Information

Application	WB, FC, E
Primary Accession	Q99501
Other Accession	Q8JZP9, NP_689422.1, NP_689423.1, NP_006469.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26772
Calculated MW	72717
Antigen Region	618-646

Additional Information

Gene ID	10634
Other Names	GAS2-like protein 1, GAS2-related protein on chromosome 22, Growth arrest-specific protein 2-like 1, GAS2L1, GAR22
Target/Specificity	This GAS2L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 618-646 amino acids from the C-terminal region of human GAS2L1.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GAS2L1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GAS2L1
Synonyms	GAR22

Function	Involved in the cross-linking of microtubules and microfilaments (PubMed:12584248, PubMed:24706950). Regulates microtubule dynamics and stability by interacting with microtubule plus-end tracking proteins, such as MAPRE1, to regulate microtubule growth along actin stress fibers (PubMed:24706950).
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, stress fiber. Note=Colocalizes with the tips of microtubule plus ends.

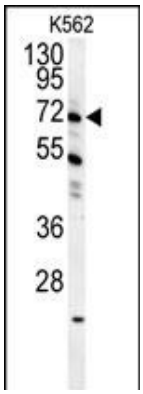
Background

The protein encoded by this gene, a member of the GAS2 family, is similar in sequence to the mouse protein Gas2, an actin-associated protein expressed at high levels in growth-arrested cells. Expression of the mouse Gas2 gene is negatively regulated by serum and growth factors. Three transcript variants encoding two different isoforms have been found for this gene.

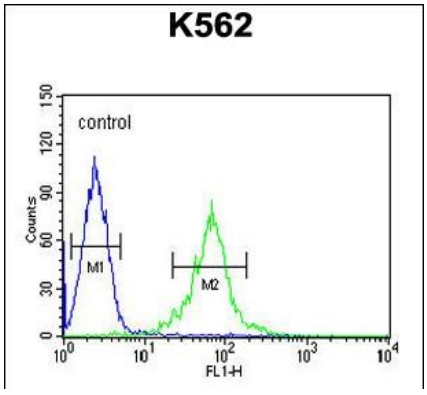
References

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Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Goriounov, D., et al. J. Cell. Sci. 116 (PT 6), 1045-1058 (2003) :

Images



GAS2L1 Antibody (C-term) (Cat. #AP10234b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the GAS2L1 antibody detected the GAS2L1 protein (arrow).



GAS2L1 Antibody (C-term) (Cat. #AP10234b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- GAS2-like 1 coordinates cell division through its association with end-binding proteins.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.