10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GAS2L1 Rabbit pAb

Catalog # AP97161

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q99501
Other Accession	Q99501
Reactivity	Rat
Predicted	Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72717
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human GAS2L1
Epitope Specificity	201-300/681
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the GAS2 family. Contains 1 CH (calponin-homology) domain. Contains 1 GAR domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	10634
Other Names	GAR22; 4930500E24Rik; D0Jmb1; TU-71.1; GA2L1_HUMAN; GAS2L1; GAS2-related protein on chromosome 22; Growth arrest-specific protein 2-like 1; GA2L1_MOUSE; growth arrest specific 2 like 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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