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RASL10A Rabbit pAb

Catalog # AP98462

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q92737
Other Accession	Q92737
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22541
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RASL10A
Epitope Specificity	51-150/203
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 small GTPase superfamily. Ras family.
SUBUNIT	Interacts with UBF/UBTF.
Post-translational modifications	Isoprenylation is essential for nucleolar localization, and the proliferation-inhibiting activity of RASL10A.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Ras proteins are members of a superfamily of related small GTPases. RRP22 can be posttranslationally modified by farnesyl. RRP22 inhibits cell growth and promotes caspase-independent cell death. The specific function of RASL10A is not yet known.

Additional Information

Gene ID	10633
Other Names	RRP22; 2210403B10Rik; RGD1306100; RSLAA_HUMAN; RASL10A; Ras-like protein RRP22; Ras-related protein on chromosome 22; 3.6.5.2; RSLAA_MOUSE; Ras-related protein on chromosome 22 homolog; RAS like family 10 member A; RAS-like, family 10, member A; RAS-like family 10 member A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	RASL10A
Synonyms	RRP22
Function	Potent inhibitor of cellular proliferation.
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side. Nucleus, nucleolus. Note=May cycle in and out of the nucleolus in a GTP-dependent manner
Tissue Location	Expression appears to be strictly limited to the central nervous system.

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