

HRSP12 Rabbit pAb

Catalog # AP98039

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P52758
Other Accession	P52758
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14494
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HRSP12
Epitope Specificity	51-137/137
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 RutC family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Endoribonuclease responsible for the inhibition of the translation by cleaving mRNA. Inhibits cell-free protein synthesis. Cleaves phosphodiester bonds only in single-stranded RNA.

Additional Information

Gene ID	10247
Other Names	HRSP12; P14.5; PSP; UK114; hp14.5; RIDA_BOVIN; RIDA; Translation inhibitor L-PSP ribonuclease; 3.5.99.10; RIDA_CAPHI; 14.3 kDa perchloric acid soluble protein; UK114 antigen; RIDA_HUMAN; 14.5 kDa translational inhibitor protein (hp14.5 p14.5); Heat-responsive protein 12; Reactive intermediate imine deaminase A homolog; UK114 antigen homolog; reactive intermediate imine deaminase A; translational inhibitor p14.5; reactive intermediate/imine deaminase A homolog; 2-iminobutanoate/2-iminopropanoate deaminase
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	RIDA (HGNC:16897)
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Function	Catalyzes the hydrolytic deamination of enamine/imine intermediates that form during the course of normal metabolism. May facilitate the release of ammonia from these potentially toxic reactive metabolites, reducing their impact on cellular components. It may act on enamine/imine intermediates formed by several types of pyridoxal-5'-phosphate-dependent dehydratases including L-threonine dehydratase.
Cellular Location	Cytoplasm. Nucleus. Peroxisome {ECO:0000250 UniProtKB:P52759}. Mitochondrion {ECO:0000250 UniProtKB:P52759}. Note=Mostly cytoplasmic but, in less differentiated cells occasionally nuclear
Tissue Location	Expressed predominantly in liver and kidney. Lower levels in lung and brain.

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