

POP4 Rabbit pAb

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Catalog # AP57839

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95707
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25425
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human POP4
Epitope Specificity	81-180/220
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus; nucleolus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes one of the protein subunits of the small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is localized to the nucleus and associates directly with the RNA component of these complexes. This protein is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]

Additional Information

Gene ID	10775
Other Names	Ribonuclease P protein subunit p29, hPOP4, POP4, RPP29
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	POP4
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Synonyms	RPP29
Function	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends.
Cellular Location	Nucleus, nucleolus.

Background

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