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

POP5 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14000

Product Information

Application	WB
Primary Accession	Q969H6
Other Accession	NM_015918, NP_057002
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18820

Additional Information

Gene ID	51367
Alias Symbol	HSPC004, RPP2, RPP20, hPop5
Other Names	Ribonuclease P/MRP protein subunit POP5, hPop5, 3.1.26.5, POP5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-POP5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	POP5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

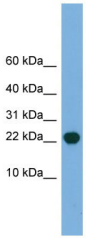
Protein Information

Name	POP5
Function	Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:11413139, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465).
Cellular Location	Nucleus, nucleolus.

References

van Eenennaam H.,et al.J. Biol. Chem. 276:31635-31641(2001).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-POP5 Antibody Titration: 0.2-1 µg/ml
Positive Control: Human Lung

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