

# RPS13 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53320

## Product Information

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Application	WB
Primary Accession	<a href="#">P62277</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17222

## Additional Information

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Gene ID	6207
Other Names	40S ribosomal protein S13, RPS13
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	RPS13 ( <a href="#">HGNC:10386</a> )
Function	Component of the small ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed: <a href="#">34516797</a> ).
Cellular Location	Cytoplasm. Nucleus, nucleolus

## References

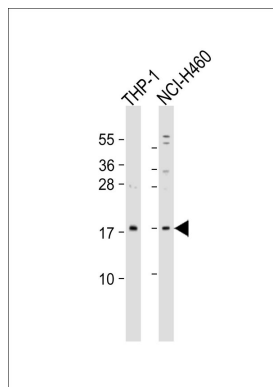
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Chadeneau C.,et al.Nucleic Acids Res. 21:2945-2945(1993).

Filipenko M.L.,et al.Submitted (MAY-1994) to the EMBL/GenBank/DDBJ databases.  
Kenmochi N.,et al.Biochem. Biophys. Res. Commun. 228:371-374(1996).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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All lanes : Anti-RPS13 Antibody at 1:1000 dilution Lane 1: THP-1 whole cell lysate Lane 2: NCI-H460 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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