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RPS17 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22039c

Specification

RPS17 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P08708
Other Accession	P0CW22, A5PK63, P63273, P08636, Q7ZUB2, P63274, P63275, Q90YQ6, P63276, Q6QAP7, P04644, Q962R2
Reactivity	**Human**
Predicted	**Bovine, Chicken, Hamster, Mouse, Pig, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**15550**

RPS17 Antibody (Center) - Additional Information

Gene ID 6218

Other Names
40S ribosomal protein S17, RPS17

Target/Specificity
This RPS17 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 55-87 amino acids from the Central region of human RPS17.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RPS17 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RPS17 Antibody (Center) - Protein Information

Name RPS17 (HGNC:10397)

Function Component of the small ribosomal subunit (PubMed:23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). 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:34516797).

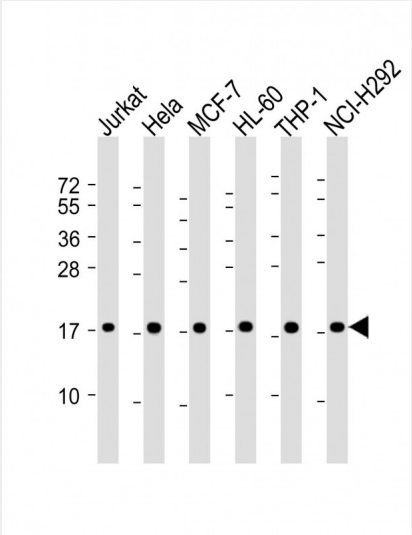
Cellular Location
Cytoplasm. Nucleus, nucleolus

RPS17 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RPS17 Antibody (Center) - Images



All lanes : Anti-RPS17 Antibody (Center) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: Hela whole cell lysate Lane 3: MCF-7 whole cell lysate Lane 4: HL-60 whole cell lysate Lane 5: THP-1 whole cell lysate Lane 6: NCI-H292 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 : 16 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RPS17 Antibody (Center) - References

Chen I.-T.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:6907-6911(1986).
Chen I.-T.,et al.Gene 70:107-116(1988).

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:671-675(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.