

RPS5 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50709

Product Information

Application	WB
Primary Accession	P46782
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	22876

Additional Information

Gene ID	6193
Other Names	40S ribosomal protein S5, 40S ribosomal protein S5, N-terminally processed, RPS5
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

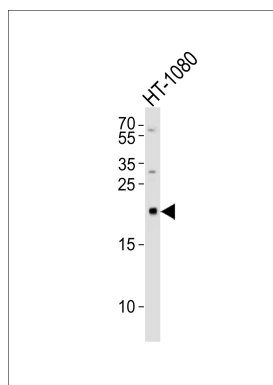
Protein Information

Name	RPS5 (HGNC:10426)
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

References

Frigerio J.-M.,et al.Biochim. Biophys. Acta 1262:64-68(1995).
Yoshihama M.,et al.Genome Res. 12:379-390(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Submitted (JUN-2005) to UniProtKB.

Images



Western blot analysis of lysate from HT-1080 cell line,using RPS5 Antibody(AP50709). AP50709 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

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