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RPS10 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22040c

Product Information

Application	WB, E
Primary Accession	P46783
Other Accession	Q9NQ39, Q3T0F4, Q07254
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55335
Calculated MW	18898

Additional Information

Gene ID	6204
Other Names	40S ribosomal protein S10, RPS10
Target/Specificity	This RPS10 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 78-110 amino acids from the Central region of human RPS10.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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	RPS10 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPS10
Function	Component of the 40S ribosomal subunit (PubMed: 23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399).

Cellular Location	Cytoplasm. Nucleus, nucleolus. Note=Localized in the granular component (GC) region of the nucleolus. Methylation is required for its localization in the GC region. Colocalizes with NPS1 in the GC region of the nucleolus.

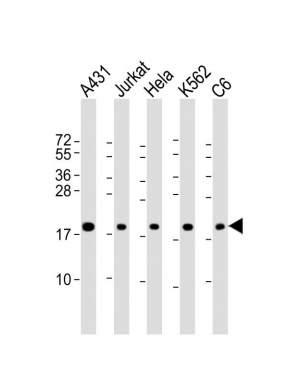
Background

Component of the 40S ribosomal subunit.

References

Frigerio J.-M.,et al.Biochim. Biophys. Acta 1262:64-68(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Vladimirov S.N.,et al.Eur. J. Biochem. 239:144-149(1996).

Images



All lanes : Anti-RPS10 Antibody (Center) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: Hela whole cell lysate Lane 4: K562 whole cell lysate Lane 5: C6 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 : 19 kDa Blocking/Dilution buffer: 5% NFDM/TBST.