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Ribosomal Protein S4X Polyclonal Antibody

Catalog # AP72318

Product Information

Application	WB, E, IHC-P
Primary Accession	P62701
Reactivity	Human, Mouse, Rat, Cat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29598

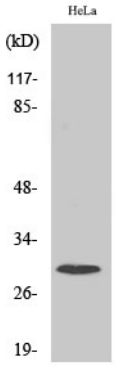
Additional Information

Gene ID	6191
Other Names	RPS4X; CCG2; RPS4; SCAR; 40S ribosomal protein S4; X isoform; SCR10; Single copy abundant mRNA protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

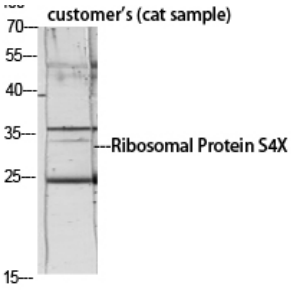
Protein Information

Name	RPS4X (HGNC:10424)
Synonyms	CCG2, RPS4, SCAR
Function	Component of the small ribosomal subunit. 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. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images



Western Blot analysis of various cells using Ribosomal Protein S4X Polyclonal Antibody diluted at 1：1000



Western Blot analysis of customer's (cat sample) using Ribosomal Protein S4X Polyclonal Antibody diluted at 1：1000

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