

Ribosomal Protein S4X Polyclonal Antibody
Catalog # AP72318**Specification**

Ribosomal Protein S4X Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	P62701
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Ribosomal Protein S4X Polyclonal Antibody - 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.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Ribosomal Protein S4X Polyclonal Antibody - 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.

Ribosomal Protein S4X Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ribosomal Protein S4X Polyclonal Antibody - Images



