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Ribosomal Protein S6 Polyclonal Antibody
Catalog # AP72321

Specification

Ribosomal Protein S6 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P62753
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Ribosomal Protein S6 Polyclonal Antibody - Additional Information

Gene ID 6194

Other Names
RPS6; OK/SW-cl.2; 40S ribosomal protein S6; Phosphoprotein NP33

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

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

Storage Conditions
-20℃

Ribosomal Protein S6 Polyclonal Antibody - Protein Information

Name RPS6 {ECO:0000303|PubMed:29563586, ECO:0000312|HGNC:HGNC:10429}

Function
Component of the 40S small ribosomal subunit (PubMed:23636399, PubMed:8706699). Plays an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA (PubMed:17220279). 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

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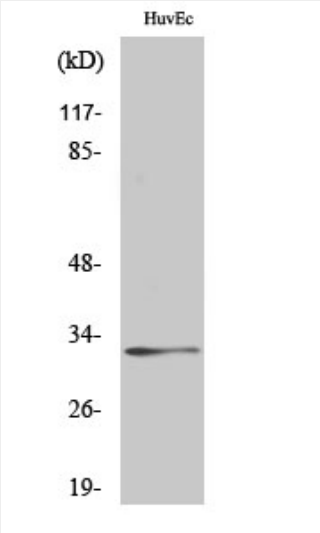
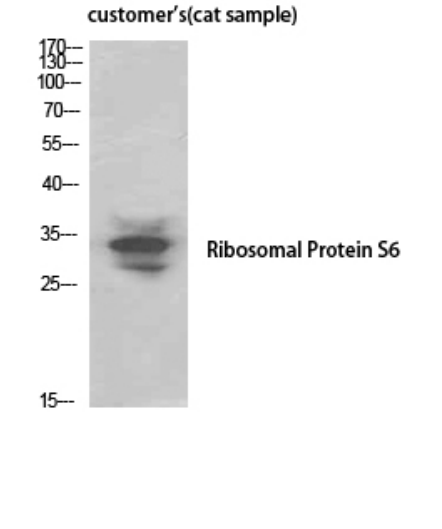
Ribosomal Protein S6 Polyclonal Antibody - Protocols

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

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

Ribosomal Protein S6 Polyclonal Antibody - Images





Ribosomal Protein S6 Polyclonal Antibody - Background

May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.