10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Ribosomal Protein S6 Polyclonal Antibody

Catalog # AP72322

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P62753
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28681

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. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

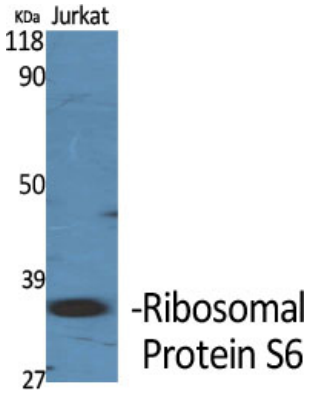
Name	RPS6 {ECO:0000303|PubMed:29563586, ECO:0000312|HGNC:HGNC:10429}
Function	Component of the 40S small ribosomal subunit (PubMed: 23636399, PubMed:8706699). Plays an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA (PubMed:17220279). 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

Background

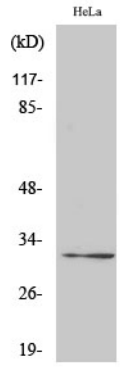
May play an important role in controlling cell growth and proliferation through the selective translation of

particular classes of mRNA.

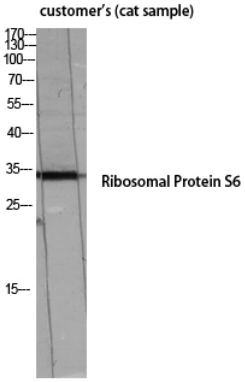
Images



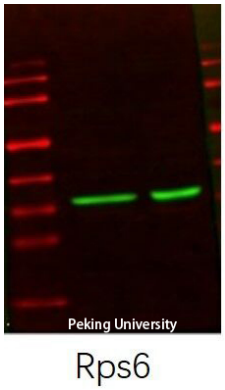
Western Blot analysis of various cells using Ribosomal Protein S6 Polyclonal Antibody diluted at 1：2000



Western Blot analysis of HeLa cells using Ribosomal Protein S6 Polyclonal Antibody diluted at 1：2000



Western Blot analysis of customer's (cat sample) using Ribosomal Protein S6 Polyclonal Antibody diluted at 1：2000



The picture was kindly provided by our customer

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