

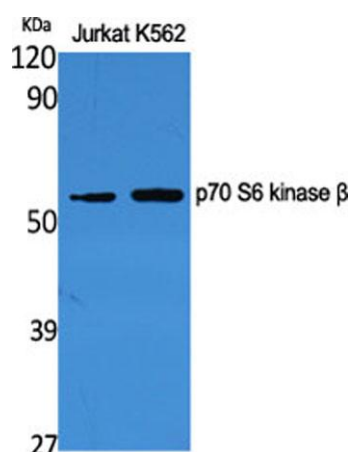
p70 S6 kinase β rabbit pAb**Cat#: orb766014 (Manual)**

For research use only. Not intended for diagnostic use.

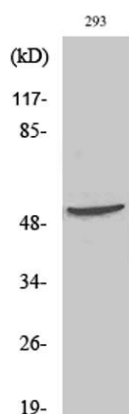
Product Name	p70 S6 kinase β rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human p70 S6 Kinase beta. AA range:389-438
Specificity	p70 S6 kinase β Polyclonal Antibody detects endogenous levels of p70 S6 kinase β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ribosomal protein S6 kinase beta-2
Gene Name	RPS6KB2
Cellular localization	Cytoplasm. Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	42kD
Human Gene ID	6199
Human Swiss-Prot Number	Q9UBS0
Alternative Names	RPS6KB2; STK14B; Ribosomal protein S6 kinase beta-2; S6K-beta-2; S6K2; 70 kDa ribosomal protein S6 kinase 2; P70S6K2; p70-S6K 2; S6 kinase-related kinase; SRK; Serine/threonine-protein kinase 14B; p70 ribosomal S6 kinase beta; S6K-beta; p70

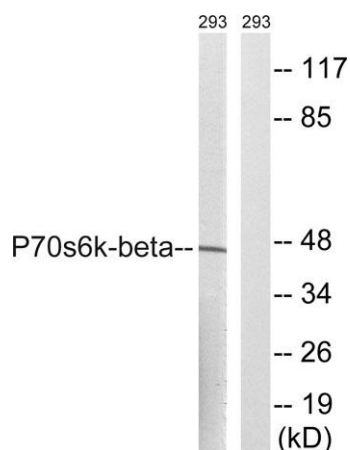
Background ribosomal protein S6 kinase B2(RPS6KB2) Homo sapiens This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains a kinase catalytic domain and phosphorylates the S6 ribosomal protein and eukaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [provided by RefSeq, Jan 2015],



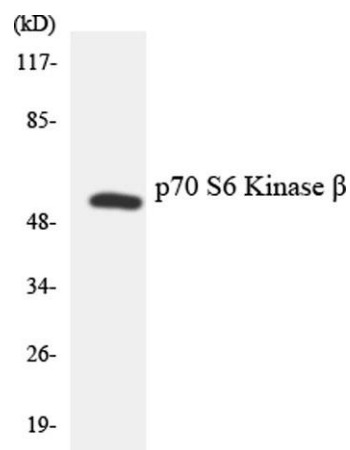
Western Blot analysis of various cells using p70 S6 kinase β Polyclonal Antibody



Western Blot analysis of 293 cells using p70 S6 kinase β Polyclonal Antibody



Western blot analysis of lysates from 293 cells, using p70 S6 Kinase beta Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using p70 S6 Kinase β antibody.