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p70 S6 kinase β Polyclonal Antibody

Catalog # AP71742

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9UBS0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53455

Additional Information

Gene ID	6199
Other 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
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. 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℃

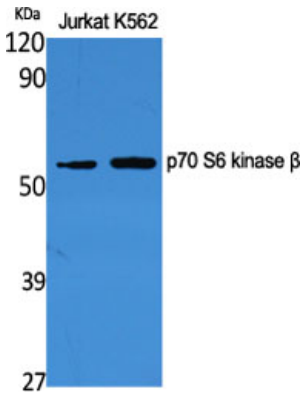
Protein Information

Name	RPS6KB2
Synonyms	STK14B
Function	Phosphorylates specifically ribosomal protein S6 (PubMed: 29750193). Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed:29750193).
Cellular Location	Cytoplasm. Nucleus.

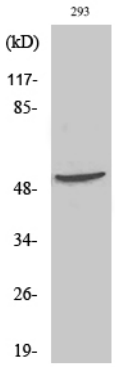
Background

Phosphorylates specifically ribosomal protein S6.

Images



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

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