

For Research Use Only

S6K2 Polyclonal antibody

Catalog Number: 15268-1-AP **2 Publications**



Basic Information

Catalog Number: 15268-1-AP	GenBank Accession Number: BC000094	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 6199	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9UBS0	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: ribosomal protein S6 kinase, 70kDa, polypeptide 2	IHC 1:50-1:500 IF 1:50-1:500
Immunogen Catalog Number: AG7371	Calculated MW: 53 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications: IF/ICC, IHC, IP, WB, ELISA	Positive Controls: WB : MCF7 cells, MCF-7 cells
Cited Applications: WB, IHC	IP : MCF-7 cells,
Species Specificity: human, mouse, rat	IHC : human kidney tissue,
Cited Species: human	IF : MCF-7 cells,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

RPS6KB2(ribosomal protein S6 kinase beta-2) is also named as 70 kDa ribosomal protein S6 kinase 2(P70S6K2), Serine/threonine-protein kinase 14B(STK14B) and belongs to the protein kinase superfamily. It is activated by mitogenic stimuli, including growth factors, cytokines, and phorbol esters. The activated enzyme phosphorylates several serine residues in the C terminus of ribosomal protein S6(PMID:9878560).

Notable Publications

Author	Pubmed ID	Journal	Application
Eunus S Ali	35772404	Mol Cell	WB
Linbi Xie	37995823	J Ethnopharmacol	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

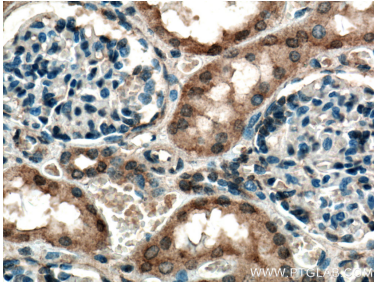
T: 4006900926

E: Proteintech-CN@ptglab.com

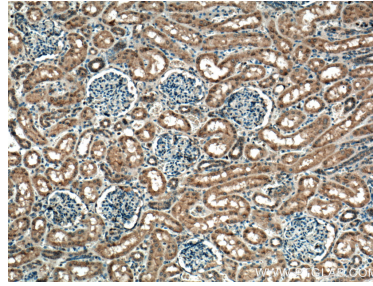
W: ptgcn.com

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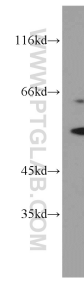
Selected Validation Data



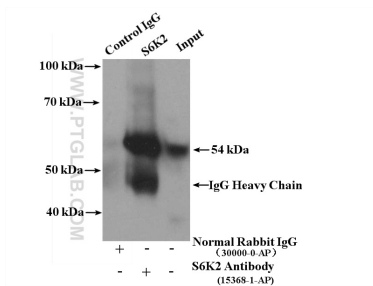
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15268-1-AP (S6K2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



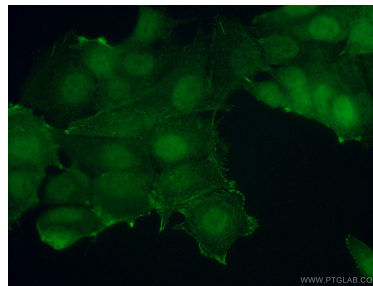
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15268-1-AP (S6K2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



MCF7 cells were subjected to SDS PAGE followed by western blot with 15268-1-AP (S6K2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-S6K2 (IP:15268-1-AP, 4ug; Detection:15268-1-AP 1:1000) with MCF-7 cells lysate 2800ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed MCF-7 cells using 15268-1-AP (S6K2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).