

Nur für Forschungszwecke

# S6 Ribosomal protein Polyklonaler Antikörper



Katalog-Nr.:14823-1-AP

22 Publikationen

## Allgemeine Informationen

Katalog-Nr.:  
14823-1-AP

Größe:  
150ul , Konzentration: 650 µg/ml von  
Nanodrop und 333 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6599

GenBank-Zugangsnummer:  
BC000524

GeneID (NCBI):  
6194

Vollständiger Name:  
ribosomal protein S6

Berechnete Masse:  
29 kDa

Beobachtete Masse:  
29-32 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 ug für IP und 1:200-1:1000  
für WB  
IHC 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Ratte, Zebrafisch

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : K-562-Zellen, Mausnierengewebe, MCF-7-Zellen

IP : MCF-7-Zellen,

IHC : humanes Lungenkarzinomgewebe, humanes Kolonkarzinomgewebe

## Hintergrundinformationen

Ribosomal protein S6 (RPS6), Phosphoprotein NP33. It may play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA. Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens. It is dephosphorylated at growth arrest. Phosphorylated at Ser-235 and Ser-236 by RPS6KA1 and RPS6KA3; phosphorylation at these sites facilitates the assembly of the preinitiation complex.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiang Xu	34561619	Cell Res	WB
Zhi-Wei Zhang	36288719	Cell Rep	WB
Yuping Du	29745433	Mol Carcinog	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

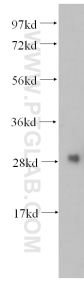
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

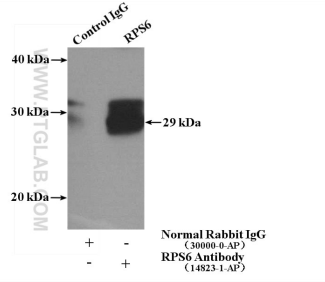
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

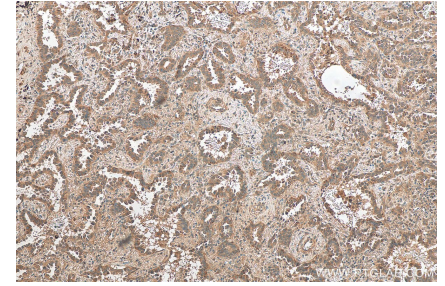
## Ausgewählte Validierungsdaten



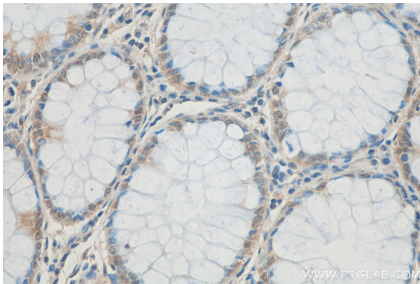
K-562 cells were subjected to SDS PAGE followed by western blot with 14823-1-AP (S6 Ribosomal protein antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



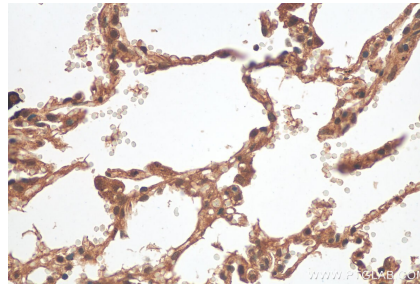
IP Result of anti-S6 Ribosomal protein (IP:14823-1-AP, 4ug; Detection:14823-1-AP 1:400) with MCF-7 cells lysate 1040ug.



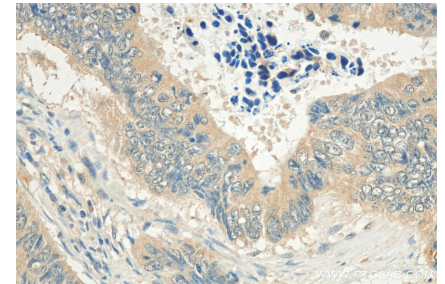
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14823-1-AP (S6 Ribosomal protein antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14823-1-AP (S6 Ribosomal protein 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 lung cancer tissue slide using 14823-1-AP (S6 Ribosomal protein 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 colon cancer tissue slide using 14823-1-AP (S6 Ribosomal protein antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).