

RPS6KA2 Rabbit Polyclonal Antibody



CAB16305

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

83kDa

Calculated MW:

83kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -

1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains two non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternative splice variants, encoding different isoforms, have been characterized.

Immunogen information

Gene ID:

6196

Uniprot

Q15349

Synonyms:

RPS6KA2; HU-2; MAPKAPK1C; RSK; RSK3; S6K-alpha; S6K-alpha2; p90-RSK3; p90RSK2; pp90RSK3

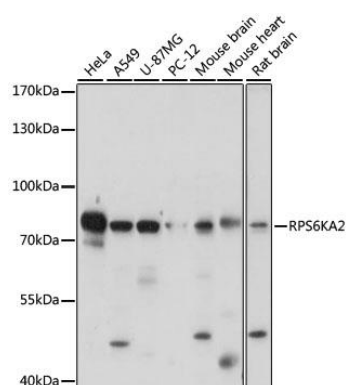
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 632-733 of human RPS6KA2 (NP_066958.2).

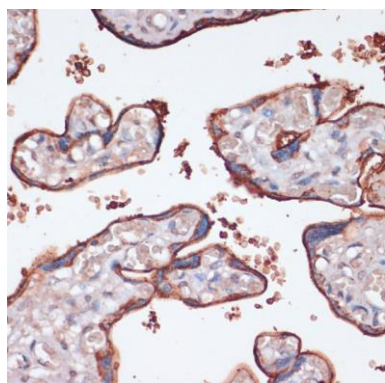
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

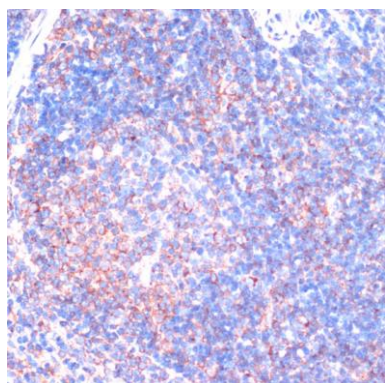
Product Images



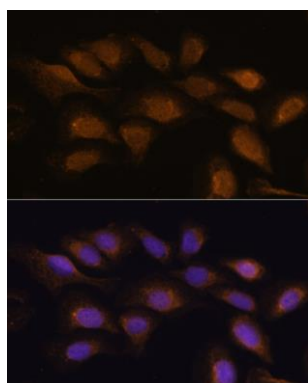
Western blot analysis of extracts of various cell lines, using RPS6KA2 antibody (CAB16305) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human placenta using RPS6KA2 antibody (CAB16305) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using RPS6KA2 antibody (CAB16305) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using RPS6KA2 antibody (CAB16305) at dilution of 1:100. Blue: DAPI for nuclear staining.