

## Product datasheet for **TA381126**

### **RSK3 (RPS6KA2) Rabbit Polyclonal Antibody**

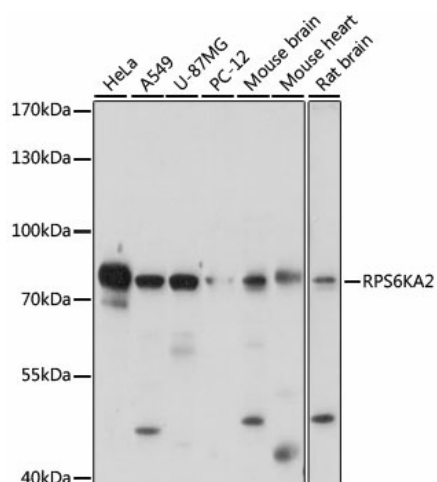
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IHC, WB
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IHC,1:100 - 1:200 IF,1:50 - 1:200
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 632-733 of human RPS6KA2 (NP_066958.2).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	83kDa
<b>Gene Name:</b>	ribosomal protein S6 kinase A2
<b>Database Link:</b>	<a href="#">Entrez Gene 6196 Human Q15349</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	HU-2; MAPKAPK1C; p90-RSK3; pp90RSK3; RSK; RSK-3; RSK3; S6K-alpha; S6K-alpha2

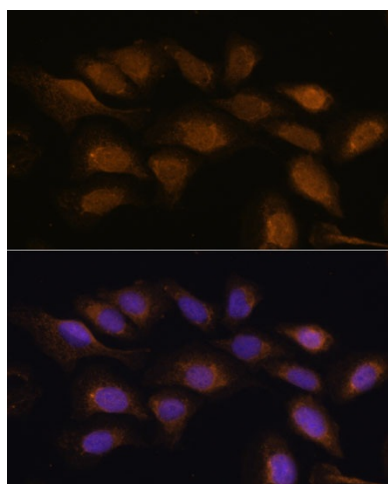


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## Product images:



Western blot analysis of extracts of various cell lines, using RPS6KA2 antibody (TA381126) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



Immunofluorescence analysis of U-2 OS cells using RPS6KA2 antibody (TA381126) at dilution of 1:100. Blue: DAPI for nuclear staining.