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# phospho-RPS6KA1 (Thr348) Rabbit pAb

phospho-RPS6KA1 (Thr348) Rabbit pAb
Catalog # AP94330

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF |
| **Reactivity** | Rat, Human, Mouse |
| **Predicted** | Pig, Dog |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated Synthesised phosphopeptide derived from human RPS6KA1 around the phosphorylation site of Thr348 |
| **Epitope Specificity** | DD(p-T)FY |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Nucleus. Cytoplasm. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB. |

## Additional Information

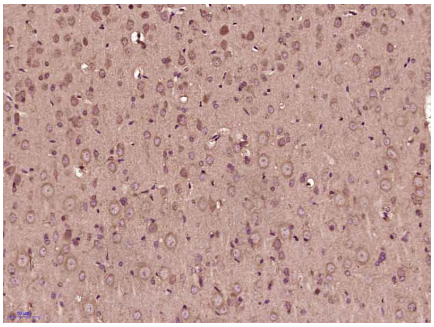
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|---|---|
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

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## Images

Paraformaldehyde-fixed, paraffin embedded (Rat brain);



Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-RPS6KA1(Thr348)) Polyclonal Antibody, Unconjugated (AP94330) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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