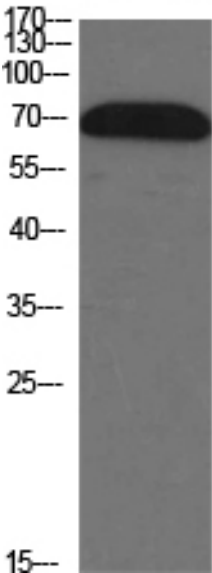


|                                                                                  |                                                              |  |
|----------------------------------------------------------------------------------|--------------------------------------------------------------|--|
|  | <p>p70 S6 kinase <math>\alpha</math> Polyclonal Antibody</p> |  |
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|                                 |                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Swiss-Prot No.:</b>          | P23443                                                                                                                                                                                                                                           |
| <b>Molecular Weight:</b>        | 59.14                                                                                                                                                                                                                                            |
| <b>Applications:</b>            | WB,IHC,IF,ELISA                                                                                                                                                                                                                                  |
| <b>Reactivity:</b>              | Human,Mouse,Rat                                                                                                                                                                                                                                  |
| <b>Purification:</b>            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                            |
| <b>Immunogen:</b>               | Synthesized peptide derived from human p70 S6 kinase $\alpha$ around the non-phosphorylation site of T229.                                                                                                                                       |
| <b>Specificity/Sensitivity:</b> | p70 S6 kinase $\alpha$ Polyclonal Antibody detects endogenous levels of p70 S6 kinase $\alpha$ protein.                                                                                                                                          |
| <b>Other Names:</b>             | RPS6KB1; STK14A; Ribosomal protein S6 kinase beta-1; S6K-beta-1; S6K1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; p70-S6K 1; Ribosomal protein S6 kinase I; Serine/threonine-protein kinase 14A; p70 ribosomal S6 kinase alpha; p70 S6 kinas |
| <b>Storage/Stability:</b>       | -20°C/1 year                                                                                                                                                                                                                                     |
| <b>Source:</b>                  | Rabbit                                                                                                                                                                                                                                           |
| <b>Form of Antibody:</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                          |

|                               |                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Concentration:</b> | 1 mg/ml                                                                                                                                                      |
|                               | <p><b>mouse-brain</b></p>  <p><b>p70 S6 kinase <math>\alpha</math></b></p> |
|                               | Western Blot analysis of various cells using p70 S6 kinase $\alpha$ Polyclonal Antibody                                                                      |
| <b>Gene Name:</b>             | RPS6KB1                                                                                                                                                      |
| <b>Dilution:</b>              | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. |