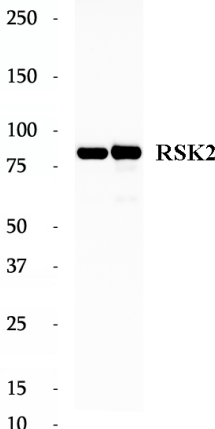


## Certificate of Analysis

Catalog Number	BP64225
Product Name	Anti-RSK2 antibody

## Physical and Chemical Properties

Molecular Weight	84 kDa
GenBank	BC096301
Uniprot	P51812
Concentration	570 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - 75 - 50 - 37 - 25 - 15 - 10 -</p> <p>RSK2</p>

## Product Information

Description	RPS6KA3 (Ribosomal protein S6 kinase alpha-3) is also named as ISPK1, MAPKAPK1B, RSK2 and belongs to the protein kinase superfamily. It localizes at the kinetochores under spindle checkpoint conditions, and during mitosis, associated with the centrosomes, the spindle and at the mid-body. It is required for EGF activated phosphorylation of histone H3, which may cause chromatin remodeling and facilitate gene transcription and maybe playing an essential regulatory role in protein synthesis during cell proliferation.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

## Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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v2 Revision on 12/28/2022