

p90RSK (phospho Ser380) (ANT0086R) Rabbit mAb

CatalogNo: ANT8236 **Recombinant R**

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 83kD (Calculated)
- 83kD (Observed)

Isotype

- IgG,Kappa

Recommended Dilution Ratios

IHC 1:2000-1:5000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0086R

Target Information

Endogenous

Gene name RPS6KA1
Protein Name Ribosomal protein S6 kinase alpha-1

Organism	Gene ID	UniProt ID
Human	6195;	Q15418;
Mouse		P18653;
Rat	81771;	Q63531;

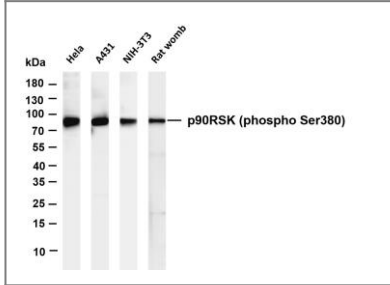
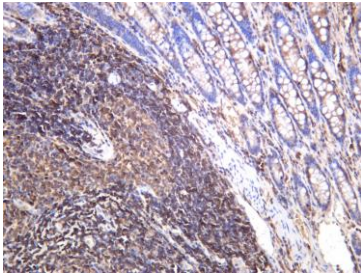
Cellular Localization Cytoplasm, Nucleus

Tissue specificity Colon,Epithelium,

Function Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Magnesium.,enzyme regulation:Activated by multiple phosphorylations on threonine and serine residues.,Function:Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.,ANTM:Autophosphorylated on Ser-380, as part of the activation process.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 2 protein kinase domains.,subunit:Forms a complex with either ERK1 or ERK2 in quiescent cells. Transiently dissociates following mitogenic stimulation.,

Validation Data

Human colon carcinoma was stained with anti-p90RSK (phospho Ser380) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-p90RSK (phospho Ser380) (ANT0086R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: A431 Lane 3: NIH-3T3 Lane 4: Rat womb Predicted band size: 83kDa Observed band size: 83kDa

For Research use only, not for diagnostics and clinical use
Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com