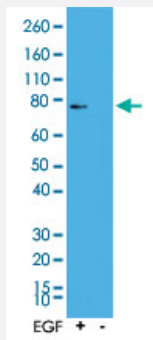


RecomAb™

RSK1 (phospho T359/S363) monoclonal antibody, clone RM233

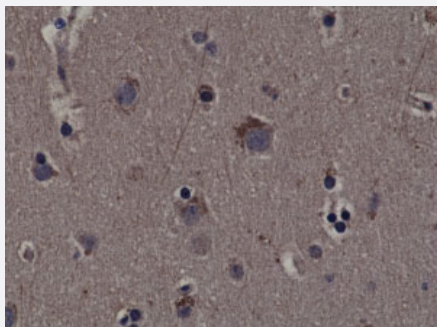
Catalog # MAB14908 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of A-431 cell with RSK1 (phospho T359/S363) monoclonal antibody, clone RM233 (Cat # MAB14908). A431 cells treated (+) or nontreated (-) with EGF.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with RSK1 (phospho T359/S363) monoclonal antibody, clone RM233 (Cat # MAB14908).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against of human RSK1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding T359/S363 of human RSK1.
Sequence	N/A
Reactivity	Human
Specificity	Recognizes human RSK1 only when phosphorylated at T359/S363.

Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of A-431 cell with RSK1 (phospho T359/S363) monoclonal antibody, clone RM233 (Cat # MAB14908). A431 cells treated (+) or nontreated (-) with EGF.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — RPS6KA1

Entrez GeneID	6195
Gene Name	RPS6KA1
Gene Alias	HU-1, MAPKAPK1A, RSK, RSK1
Gene Description	ribosomal protein S6 kinase, 90kDa, polypeptide 1
Omim ID	601684
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

OTTHUMP00000004113|S6K-alpha 1|dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1)|p90-RSK 1|ribosomal protein S6 kinase alpha 1|ribosomal protein S6 kinase, 90kD, 1|ribosomal protein S6 kinase, 90kD, polypeptide 1

Gene Info — RPS6KA2

Entrez GeneID

[6196](#)

Gene Name

RPS6KA2

Gene Alias

HU-2, MAPKAPK1C, RSK, RSK3, S6K-alpha, S6K-alpha2, p90-RSK3, pp90RSK3

Gene Description

ribosomal protein S6 kinase, 90kDa, polypeptide 2

Omim ID

[601685](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

ribosomal S6 kinase 3|ribosomal protein S6 kinase alpha 2|ribosomal protein S6 kinase, 90kD, polypeptide 2

Pathway

- [Long-term potentiation](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [MAPK signaling pathway](#)
- [mTOR signaling pathway](#)
- [mTOR signaling pathway](#)

- [Neurotrophin signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)