

RICTOR Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS11206**Specification**

RICTOR Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q6R327
Reactivity	Human, Monkey, Horse, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	192kDa KDa

RICTOR Antibody (C-Terminus) - Additional Information**Gene ID** 253260**Other Names**

Rapamycin-insensitive companion of mTOR, AVO3 homolog, hAVO3, RICTOR
{ECO:0000312|EMBL:EAW55980.1}

Target/Specificity

Human RICTOR.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

RICTOR Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RICTOR Antibody (C-Terminus) - Protein Information**Name** RICTOR ([HGNC:28611](#))**Function**

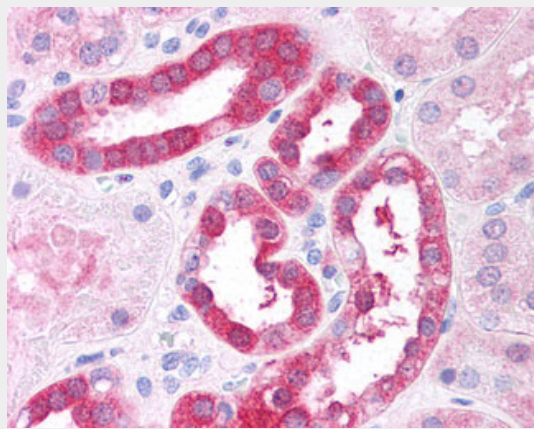
Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors. mTORC2 promotes the serum-induced formation of stress-fibers or F-actin. mTORC2 plays a critical role in AKT1 'Ser-473' phosphorylation, which may facilitate the phosphorylation of the activation loop of AKT1 on 'Thr-308' by PDK1 which is a prerequisite for full activation. mTORC2 regulates the phosphorylation of SGK1 at 'Ser-422'. mTORC2 also modulates the phosphorylation of PRKCA on 'Ser-657'. Plays an essential role in embryonic growth and development.

RICTOR Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RICTOR Antibody (C-Terminus) - Images



Anti-RICTOR antibody IHC of human renal tubular epithelium.

RICTOR Antibody (C-Terminus) - Background

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RICTOR Antibody (C-Terminus) - References

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