

Rabbit anti-Human RICTOR Polyclonal Antibody | anti-RICTOR antibody

Anti-RICTOR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125464	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RICTOR; Polyclonal Antibody; Anti-RICTOR Antibody; Rapamycin-insensitive companion of mTOR; AVO3 homolog; hAVO3; KIAA1999; anti-RICTOR antibody

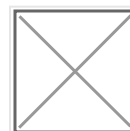
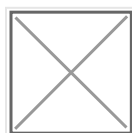
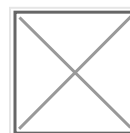
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	1708
Applicable Applications for anti-RICTOR antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human RICTOR recombinant protein (Position: E23-H264).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

Figure 1. Western blot analysis of RICTOR using anti-RICTOR antibody.


IHC (Immunohistochemistry)

IHC (Immunohistochemistry)

IF (Immunofluorescence)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-RICTOR antibody	Description: Rabbit IgG polyclonal antibody for RICTOR detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human. Background: Rapamycin-insensitive companion of mTOR is a protein that in human is encoded by the RICTOR gene. This gene is mapped to 5p13.1. RICTOR and MTOR are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth.
References	1. Sarbassov, D. D., Ali, S. M., Kim, D.-H., Guertin, D. A., Latek, R. R., Erdjument-Bromage, H., Tempst, P., Sabatini, D. M. Rictor, a novel binding partner of mTOR, defines a rapamycin-insensitive and raptor-independent pathway that regulates the cytoskeleton. <i>Curr. Biol.</i> 14: 1296-1302, 2004. 2. Sarbassov, D. D., Guertin, D. A., Ali, S. M., Sabatini, D. M. Phosphorylation and regulation of Akt/PKB by the rictor-mTOR complex. <i>Science</i> 307: 1098-1101, 2005. 3. Shiota, C., Woo, J.-T., Lindner, J., Shelton, K. D., Magnuson, M. A. Multiallelic disruption of the rictor gene in mice reveals that mTOR complex 2 is essential for fetal growth and viability. <i>Dev. Cell</i> 11: 583-589, 2006.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59891448
NCBI GeneID	253260
NCBI Accession #	NP_689969.2
NCBI GenBank Nucleotide #	NP_689969.2
UniProt Accession #	Q6R327
NCBI Official Full Name	rapamycin-insensitive companion of mTOR isoform 1
NCBI Official Synonym Full Names	RPTOR independent companion of MTOR complex 2
NCBI Official Symbol	RICTOR
NCBI Official Synonym Symbols	PIA; AVO3; hAVO3
NCBI Protein Information	rapamycin-insensitive companion of mTOR
UniProt Protein Name	Rapamycin-insensitive companion of mTOR
UniProt Gene Name	RICTOR
UniProt Synonym Gene Names	hAVO3
UniProt Entry Name	RICTR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rictor-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125464>