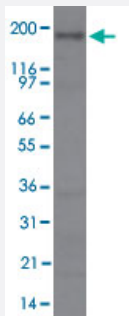


RICTOR polyclonal antibody

Catalog # PAB14568

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RICTOR in Jurkat cell lysate using RICTOR polyclonal antibody (Cat #PAB14568) at 7 µg/ml.

Specification

Product Description	Rabbit polyclonal antibody raised against RICTOR.
Immunogen	A portion of amino acids 1-50 of human RICTOR.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	The amino acid sequence used is 100% homologous in human and 93% homologous in mouse. Increased concentration is recommended for western blot.
Form	Liquid
Recommend Usage	Western Blot (5-7 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 analysis of RICTOR in Jurkat cell lysate using RICTOR polyclonal antibody (Cat #PAB14568) at 7 µg/ml.

Gene Info — RICTOR

Entrez GeneID	253260
Protein Accession#	NP_689969
Gene Name	RICTOR
Gene Alias	DKFZp686B11164, KIAA1999, MGC39830, mAVO3
Gene Description	rapamycin-insensitive companion of mTOR
Omim ID	609022
Gene Ontology	Hyperlink
Gene Summary	RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).[supplied by OMIM]
Other Designations	TORC2-specific protein AVO3 pianissimo

Publication Reference

- [Mammalian TOR complex 2 controls the actin cytoskeleton and is rapamycin insensitive.](#)

Jacinto E, Loewith R, Schmidt A, Lin S, Ruegg MA, Hall A, Hall MN.

Nature Cell Biology 2004 Nov; 6(11):1122.

Application: IP-WB, WB-Tr, Human, HEK 293 cells

- [Rictor, a novel binding partner of mTOR, defines a rapamycin-insensitive and raptor-independent pathway that regulates the cytoskeleton.](#)

Sarbasov DD, Ali SM, Kim DH, Guertin DA, Latek RR, Erdjument-Bromage H, Tempst P, Sabatini DM.

Current Biology 2004 Jul; 14(14):1296.

Application: IP, WB, Human, DU145, HEK 293T, HeLa cells

Pathway

- [mTOR signaling pathway](#)

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)