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Datasheet

RICTOR polyclonal antibody

Catalog Number: PAB2053

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of RICTOR.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human RICTOR.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 253260

Gene Symbol: RICTOR

Gene Alias: DKFZp686B11164, KIAA1999, MGC39830, mAVO3

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 (Sarbassov et al., 2004 [PubMed 15268862]).[supplied by OMIM]

References:

1. Identification of Protor as a novel Rictor-binding component of mTOR complex-2. Pearce LR, Huang X, Boudeau J, Pawlowski R, Wullschleger S, Deak M, Ibrahim AF, Gourlay R, Magnuson MA, Alessi DR. Biochem J. 2007 Aug 1;405(3):513-22.
2. Identification of Sin1 as an essential TORC2 component required for complex formation and kinase activity. Yang Q, Inoki K, Ikenoue T, Guan KL. Genes Dev. 2006 Oct 15;20(20):2820-32.
3. SIN1/MIP1 maintains rictor-mTOR complex integrity and regulates Akt phosphorylation and substrate specificity. Jacinto E, Facchinetti V, Liu D, Soto N, Wei S, Jung SY, Huang Q, Qin J, Su B. Cell. 2006 Oct 6;127(1):125-37. Epub 2006 Sep 7.