

Rictor rabbit pAb

Catalog No :	YT7983
Reactivity :	Human;Mouse;Monkey
Applications :	WB;ELISA
Target :	RICTR
Fields :	>>mTOR signaling pathway
Gene Name :	RICTOR KIAA1999
Protein Name :	RICTR
Human Gene Id :	253260
Human Swiss Prot No :	Q6R327
Mouse Gene Id :	78757
Mouse Swiss Prot No :	Q6QI06
Immunogen :	Synthesized peptide derived from human RICTR
Specificity :	This antibody detects endogenous levels of Human,Mouse,Monkey RICTR
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15 °C to -25 °C/1 year(Do not lower than -25 °C)

Molecularweight : 188kD

Background : 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, Mar 2008],

Function : function:Plays an essential role in embryonic growth and development (By similarity). Part of the TORC2 complex which plays a critical role in AKT1 'Ser-473' phosphorylation, and may modulate the phosphorylation of PKCA and regulate actin cytoskeleton organization.,similarity:Belongs to the pianissimo family.,subunit:Forms part of the target of rapamycin 2 complex (TORC2) comprised of FRAP1, LST8, PROTOR1, RICTOR and MAPKAP1. TORC2 does not bind to and is not sensitive to FKBP12-rapamycin. Binds directly to FRAP1 and PROTOR1 within the TORC2 complex. May interact with PROTOR2.,

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