

**Rictor rabbit pAb**

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