

Product datasheet for **AP13964PU-N**

RICTOR (N-term) Rabbit Polyclonal Antibody

Product data:

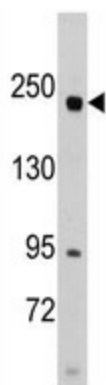
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:50 - 1:100. Immunohistochemistry 1:10 - 1:50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human RICTOR.
Specificity:	This antibody detects RICTOR at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RPTOR independent companion of MTOR complex 2
Database Link:	Entrez Gene 253260 Human Q6R327
Background:	RICTOR and MTOR (FRAP1) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth.
Synonyms:	KIAA1999, Rapamycin-insensitive companion of mTOR, mAVO3



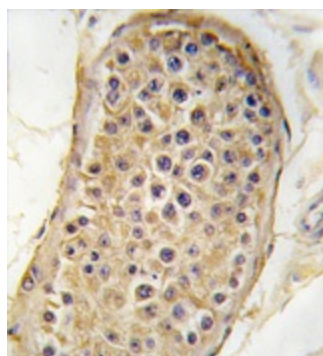
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Note: Molecular weight: 192087 Da

Product images:



Western blot analysis of anti-RICTOR Pab in SK-BR-3 cell line lysates (35 ug/lane). RICTOR (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human testis tissue reacted with RICTOR antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.