

Rictor (T1135) polyclonal antibody

Catalog: AP1002

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

FRAP is a large protein kinase that is the mammalian target of rapamycin, an immunosuppressant that blocks vessel restenosis and also has potential anticancer applications. Rapamycin-insensitive companion of FRAP, also designated Rictor, shares homology with pianissimo from *D. discoideum*, STE20p from *S. pombe*, and AVO3p from *S. cerevisiae*. Rictor forms a complex with FRAP, which is important in cell growth regulation as it integrates growth factor and nutrient derived signals. The Rictor-FRAP complex plays a role in PKC α phosphorylation, directly phosphorylates Akt/PKB on Ser473 in vitro and facilitates Thr308 phosphorylation by PDK1. It also may function as a drug target in tumors that have lost expression of PTEN, a tumor suppressor that opposes activation of Akt/PKB.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Molecular Weight:

~ 192 kDa

Swiss-Prot:

Q6R327

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

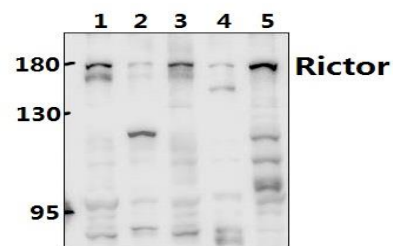
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Rictor (T1135) polyclonal antibody detects endogenous levels of Rictor protein.

DATA:



Western blot (WB) analysis of Rictor (T1135) polyclonal antibody at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:The Testis tissue lysate of Mouse(40ug)

Lane5:C6 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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