

Code No. 28015

**Anti-Human
Rheb (R165) Rabbit IgG Affinity Purify**

Volume : 100 µg

Introduction : Rheb (ras homolog enriched in brain) is a 20 kDa protein identified as a Ras homolog expressed in the rat hippocampus, but it widely exists in a variety of cells. It is also reported that GTP-binding form is predominant in Rheb, unlike other low molecular weight GTP-binding proteins. While it is clear that GAP of Rheb is TSC2 which is the gene product of TS (tuberous sclerosis), TCTP (translationally controlled tumor protein) is reported to be expected as a GEF of Rheb. It is known that over-expression of Rheb can rescue the function of mTOR from inactivation by amino-acid starvation, and it is clear that Rheb acts as an activator of mTOR signaling cascade.

Antigen : Synthetic peptide of the C-terminal part of Human Rheb (LEAEKMDGAASQGKSS)

Purification : Purified with antigen peptide

Form : Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C

Application : This antibody can be used for western blotting in concentration of 0.5-5 µg /mL.
: This antibody can be used for immunoprecipitation in concentration of 1-5 µg /mL.