



## RGC32/C13orf15 Polyclonal Antibody

Catalog: BS65444      Host: Rabbit      Reactivity: Hu-man, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep,

### BackGround:

RGC32, also known as C13orf15, is a 137 amino acid protein that localizes to the cytoplasm, as well as to the nucleus and the centrosome. Expressed at high levels in kidney, pancreas and skeletal muscle and at lower levels in brain, heart and placenta, RGC32 functions to modulate the activity of cell cycle-specific kinases, thereby regulating cell cycle progression. Additionally, RGC32 may promote cell cycle arrest at the G2/M phase transition and is thought to inhibit the growth of glioma cells, possibly functioning as a tumor suppressor. Conversely, overexpression of RGC32 may promote cell replication and assist in the pathogenesis of malignancies, suggesting that RGC32 also participates in tumor transformation and progression. RGC32 activity is induced by complement activation and by p53 in response to DNA damage. Multiple isoforms of RGC32 exist as a result of alternative splicing events.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

15kDa

### Swiss-Prot:

Q9H4X1

### Purification&Purity:

affinity purified by Protein A

### Applications:

Flow-Cyt=1ug/test

### Storage&Stability:

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

### Specificity:

RGC32/C13orf15 Polyclonal Antibody detects endogenous levels of RGC32/C13orf15 protein.

### DATA:

### Note:

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

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