



## Anti-Gtr2 (S. cerevisiae) antibody, rabbit serum

# 62-351 100 µl

Gtr2 (341 amino acids, 38.6 kDa) is the yeast homologue of RagC identified in yeast and classified as a Ras-like small GTPase subfamily. In cytoplasm, GTP-bound Gtr2 forms a heterodimer with Gtr1, which is involved in autophagy through mTOR signal pathway.

## Applications

Western blot (500~ 2,000 folds dilution) Not tested for other applications

## Specification

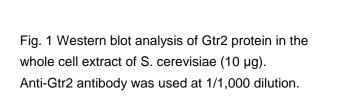
Reactivity: Reacts with S. cerevisiae Gtr2 protein Immunogen: Purified full-length yeast Gtr2 protein fused with GST Form: Anti-Gtr2 rabbit serum with 0.05% sodium azide. Storage: Shipped at 4°C. Upon arrival aliquot and store at -20°C.

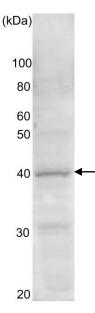
Data Link: UniProtKB/Swiss-Prot: <u>P53290</u> (GTR2\_YEAST)

## References:

1. Sekiguchi T *et al* "A nobel human nucleolar protein Nop132, binds to the G proteins, RRAG A/C/D" *J. Biol. Chem.* 279: 8343-8350 (2004) PMID: <u>14660641</u>

2. Yasemin S *et al* "The Rag GTPases bind raptor and mediate amino acid signaling to mTORC1" *Science*. 320(5882): 1496-1501 (2008) PMID: <u>18497260</u>





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