

## OAZ1 polyclonal antibody

Catalog: BS61230

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Antizyme 1 (AZ1) negatively regulates polyamine synthesis by enhancing the negative feedback loop controlling ornithine decarboxylase (ODC) activity. Polyamines are involved in cell cycle and cell growth, and thus the interaction between AZ1 and ODC functions in this process as well, in a regulatory manner. Furthermore, treatment of cells with leptomycin B, an inhibitor of chromosomal maintenance proteins, causes the relocation of AZ1 to the nucleus, suggesting a novel function of AZ1 not associated with the proteasome.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 25 kDa

### Swiss-Prot:

P54368

### 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

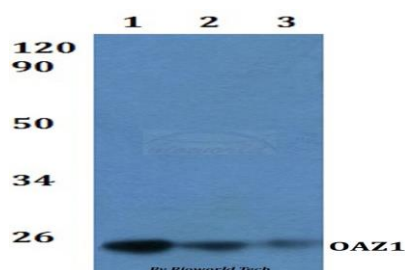
### Storage&Stability:

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

### Specificity:

OAZ1 polyclonal antibody detects endogenous levels of OAZ1 protein.

### DATA:



Western blot (WB) analysis of OAZ1 polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate Lane3:H9C2 whole cell lysate

### Note:

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

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