

## GDI1 polyclonal antibody

Catalog: BS5731

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Rab proteins, a family of Ras-related small GTP-binding proteins, play a key role in regulating intracellular vesicle trafficking. Rab GDP dissociation inhibitor (Rab GDI or GDI3) forms a soluble complex with Rab proteins and thereby prevents the exchange of GDP for GTP. In mammals, there exist two major isoforms, Rab GDI  $\alpha$  (also known as XAP-4) and Rab GDI  $\beta$ . While the mammalian Rab GDI  $\beta$ -genes are ubiquitously expressed, the Rab GDI  $\alpha$  genes are predominantly brain-specific. Since it is expressed predominantly in neural and sensory tissues, Rab GDI  $\alpha$  may serve a specific function in neural signal transmission. The gene sequences for the Rab GDI proteins are extremely conserved in evolution, with substantial homology preserved across three eukaryotic kingdoms.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P31150

### 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

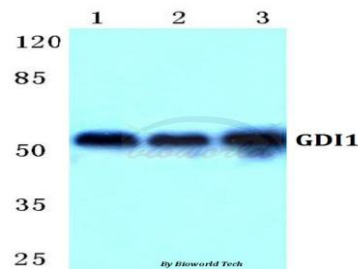
### Storage&Stability:

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

### Specificity:

GDI1 polyclonal antibody detects endogenous levels of GDI1 protein.

### DATA:



Western blot (WB) analysis of GDI1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate

### Note:

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

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