

**[KD Validated] RAB27A polyclonal antibody**

Catalog: BS7324

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.

**Product:**

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

**Molecular Weight:**

27KDa

**Swiss-Prot:**

P51159

**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 - 1:2000|IF/ICC,1:10 - 1:100

**Storage&Stability:**

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

**Category:**

Polyclonal Antibodies

**DATA:**

Western blot analysis of extracts from wild type and RAB27A knock-down U-87MG cells, using RAB27A antibody at 1:1660 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

Immunofluorescence analysis of HepG2 cells using [KD Validated] RAB27A Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

**Note:**

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

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