

RAB41 polyclonal antibody

Catalog: BS61254

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Rab 41 (Ras-related protein Rab-41) is a 222 amino acid protein that belongs to the small GTPase superfamily and the Rab family. Members of the Rab family function as regulators of membrane trafficking. They cycle between inactive GDP-bound and activated GTP-bound states, which is controlled by GTP hydrolysis-activating proteins (GAPs). Rab 41 can be activated by the GAP protein RN-Tre. Localizing to the Golgi complex, Rab 41 is involved in protein transport and participates in GTP binding. Existing as two alternatively spliced isoforms, the gene that encodes the Rab 41 protein maps to human chromosome Xq13.1. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. Color blindness, hemophilia, and Duchenne muscular dystrophy are well-known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2

Molecular Weight:

~ 25 kDa

Swiss-Prot:

Q5JT25

Purification & Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

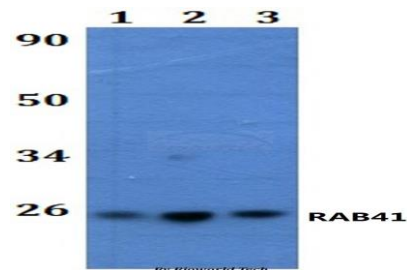
Storage & Stability:

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

Specificity:

RAB41 polyclonal antibody detects endogenous levels of RAB41 protein.

DATA:



Western blot (WB) analysis of RAB41 polyclonal antibody at 1:500 dilution

Lane 1: HEK293T whole cell lysate

Lane 2: Raw264.7 whole cell lysate

Lane 3: H9C2 whole cell lysate

Note:

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

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