

**AREL1 polyclonal antibody**

Catalog: BS34287

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Apoptosis-resistant E3 ubiquitin protein ligase 1: E3 ubiquitin-protein ligase that catalyzes 'Lys-11'- or 'Lys-33'-linked polyubiquitin chains, with some preference for 'Lys-33' linkages. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Ubiquitinates SEPTIN4, DIABLO/SMAC and HTRA2 in vitro. Modulates pulmonary inflammation by targeting SOCS2 for ubiquitination and subsequent degradation by the proteasome

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~94.2 kDa

Swiss-Prot:

O15033

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of AREL1 protein

DATA:

Western blot analysis of RAB27B expression in DU145 (A), mouse stomach (B) whole cell lysates.

Flow cytometric analysis of A431 cells using Anti-RAB27B Antibody.

The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.

Note:

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

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