



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SI polyclonal antibody

Catalog: BS34305

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Sucrase-isomaltase, intestinal: Bifunctional enzyme with both sucrase and isomaltase activities involved in breakdown of dietary starch oligosaccharides in small intestine. The isomaltase domain hydrolases alpha-1,6-glycosidic linkages in isomaltose. The sucrase domain cleaves the alpha-1,2-glycosidic linkages in sucrose to form glucose and fructose, and contributes to the cleavage of the alpha-1,4-glycosidic linkage in maltose to form two glucose monosaccharides

Product:

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

Molecular Weight:

~209 kDa

Swiss-Prot:

P14410

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 SI protein

DATA:

Western blot analysis of ARPC1B expression in Hela (A) whole cell lysates.

Immunohistochemical analysis of ARPC1B staining in human lung carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of MCF7 cells using Anti-ARPC1B 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-Rabbit 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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