



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### SVIP polyclonal antibody

Catalog: BS33909

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### BackGround:

Small VCP/p97-interacting protein: Negative regulator of the ER-associated degradation pathway (ERAD) of misfolded proteins. It competes with AMFR/gp78 for binding VCP/p97, and inhibits AMFR/gp78-VCP/p97 complex formation that is required for degradation of ERAD substrates. Involved in the regulation of adrenal cortisol and dehydroepiandrosterone (DHEA) biosynthesis

#### Product:

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

#### Molecular Weight:

~8.44 kDa

#### Swiss-Prot:

Q8NHG7

#### 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 SVIP protein

#### DATA:

Western blot analysis of IL-4 expression in HEK293T (A), A375 (B), H1688 (C), rat liver (D), rat testis (E) whole cell lysates.

Immunohistochemical analysis of IL-4 staining in human tonsil 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.

Immunofluorescent analysis of IL-4 staining in RAMOS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

#### Note:

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

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