



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SYT14P1 polyclonal antibody

Catalog: BS35597

Host: Rabbit

Reactivity: Human

BackGround:

Putative synaptotagmin-14-like protein: Plays a role in melanocyte differentiation; enhances dendrite outgrowth, melanin content and tyrosinase activity through the modulation of ERK and/or CREB pathways

Product:

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

Molecular Weight:

~21.4 kDa

Swiss-Prot:

Q58G82

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

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 SYT14P1 protein

DATA:

Western blot analysis of MSK1 (Phospho-S360) expression in HUVEC (A) whole cell lysates.

Immunofluorescent analysis of MSK1 (Phospho-S360) staining in HUVEC 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 an 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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