



PRODUCT DATA SHEET

Bioworld Technology, Inc.

XIRP2 polyclonal antibody

Catalog: BS34688

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Xin actin-binding repeat-containing protein 2: Protects actin filaments from depolymerization . Required for correct morphology of cell membranes and maturation of intercalated disks of cardiomyocytes via facilitating localization of XIRP1 and CDH2 to the termini of aligned mature cardiomyocytes (By similarity). Thereby required for correct postnatal heart development and growth regulation that is crucial for overall heart morphology and diastolic function (By similarity). Required for normal electrical conduction in the heart including formation of the infranodal ventricular conduction system and normal action potential configuration, as a result of its interaction with the cardiac ion channel components Scn5a/Nav1.5 and Kcna5/Kv1.5 (By similarity). Required for regular actin filament spacing of the paracrystalline array in both inner and outer hair cells of the cochlea, thereby required for maintenance of stereocilia morphology...

Product:

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

Molecular Weight:

~382 kDa

Swiss-Prot:

A4UGR9

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 XIRP2 protein

DATA:

Note:

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

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