



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### PCDHA9 polyclonal antibody

Catalog: BS33412

Host: Rabbit

Reactivity: Human, Mouse

#### BackGround:

Protocadherin alpha-9: Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain

#### Product:

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

#### Molecular Weight:

~102 kDa

#### Swiss-Prot:

Q9Y5H5

#### 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 PCDHA9 protein

#### DATA:

Western blot analysis of Histone H2A.X (Phospho-S139) expression in NIH3T3 treated with Hydroxyurea (A) whole cell lysates.

Immunofluorescent analysis of Histone H2A.X (Phospho-S139) staining in A549 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.

#### Note:

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

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