



PRODUCT DATA SHEET

Bioworld Technology, Inc.

KIF12 polyclonal antibody

Catalog: BS34488

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Kinesin-like protein KIF12: Involved in the negative regulation of fatty acid biosynthesis, probably acting as an adapter that allows ubiquitination of acetyl-CoA carboxylase 1 (ACACA) by E3 ubiquitin-protein ligase COP1, and promotes ACACA degradation. The adapter function requires the C-terminal proline-rich domain and may be apart from the kinesin motor activity (Probable)

Product:

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

Molecular Weight:

~71.1 kDa

Swiss-Prot:

Q96FN5

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 KIF12 protein

DATA:

Western blot analysis of HSP90 alpha expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.

Immunohistochemical analysis of HSP90 alpha staining in human colon cancer 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.

Note:

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

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