



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SPRED2 polyclonal antibody

Catalog: BS35654

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Sprouty-related, EVH1 domain-containing protein 2: Negatively regulates Ras signaling pathways and downstream activation of MAP kinases. Recruits and translocates NF1 to the cell membrane, thereby enabling NF1-dependent hydrolysis of active GTP-bound Ras to inactive GDP-bound Ras. Inhibits fibroblast growth factor (FGF)-induced retinal lens fiber differentiation, probably by inhibiting FGF-mediated phosphorylation of ERK1/2 (By similarity). Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells (By similarity)

Product:

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

Molecular Weight:

~47.6 kDa

Swiss-Prot:

Q7Z698

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 SPRED2 protein

DATA:

Western blot analysis of c-FOS (Phospho-S362) expression in HepG2 (A), HeLa Adriamycin-treated (B) whole cell lysates.

Immunohistochemical analysis of c-FOS (Phospho-S362) staining in human lung 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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151