



PRODUCT DATA SHEET

Bioworld Technology, Inc.

USP54 polyclonal antibody

Catalog: BS32986

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ubiquitin carboxyl-terminal hydrolase 54: Deubiquitinase that specifically mediates 'Lys-63'-linked deubiquitination of substrates with a polyubiquitin chain composed of at least 3 ubiquitins. Specifically recognizes ubiquitin chain in position S2 and catalyzes cleavage of polyubiquitin within 'Lys-63'-linked chains. Not able to deubiquitinate substrates with shorter ubiquitin chains. Mediates deubiquitination of PLK4, maintaining PLK4 stability by reducing its ubiquitination-mediated degradation

Product:

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

Molecular Weight:

~187 kDa

Swiss-Prot:

Q70EL1

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 USP54 protein

DATA:

Western blot analysis of ABL1 expression in MCF7 (A), HepG2 (B) whole cell lysates.

Immunohistochemical analysis of ABL1 staining in human breast 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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