



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Alliinase polyclonal antibody

Catalog: BS31093

Host: Rabbit

Reactivity: Allium sativum L

BackGround:

Alliinase (EC 4.4.1.4) is a pyridoxal 5'-phosphate (PLP)-dependent enzyme found in garlic (*Allium sativum*) that catalyzes the conversion of the non-protein amino acid alliin into allicin, pyruvate and ammonia. Allicin is the primary bioactive sulfur compound responsible for garlic's characteristic odor and many of its antimicrobial and health-promoting properties.

Product:

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

Molecular Weight:

~50 kDa (alliinase)

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/1000 - 1/3000)

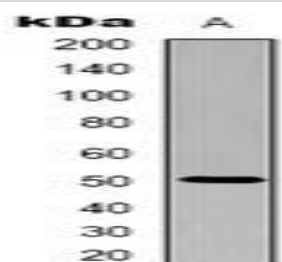
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Alliinase protein.

DATA:



Western blot analysis of DDX5 expression in HT29 (A), HeLa (B), NIH/3T3 (C), COS7 (D), SW620 (E), Jurkat (F), A431 (G), MCF7 (H) whole cell lysates.

Immunohistochemical analysis of DDX5 staining in human bladder 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.

Flow cytometric analysis of HeLa cells using Anti-DDX5 Antibody (green) and negative control (red).

Note:

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

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