



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DDI2 polyclonal antibody

Catalog: BS32415

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Protein DDI1 homolog 2: Aspartic protease that mediates the cleavage of NFE2L1/NRF1 at 'Leu-104', thereby promoting release of NFE2L1/NRF1 from the endoplasmic reticulum membrane. Ubiquitination of NFE2L1/NRF1 is a prerequisite for cleavage, suggesting that DDI2 specifically recognizes and binds ubiquitinated NFE2L1/NRF1. Seems to act as a proteasomal shuttle which links the proteasome and replication fork proteins like RTF2 (Probable). Required, with DDI1, for cellular survival following replication stress. Together or redundantly with DDI1, removes RTF2 from stalled forks to allow cell cycle progression after replication stress and maintains genome integrity

Product:

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

Molecular Weight:

~44.5 kDa

Swiss-Prot:

Q5TDH0

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

matography.

Applications:

WB (1/500 - 1/1000)

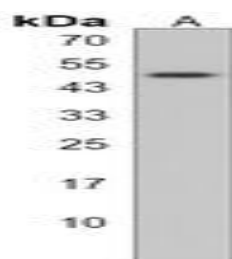
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of DDI2 protein.

DATA:



Western blot analysis of FGF18 expression in SW480 (A), SKOV3 (B), mouse heart (C) whole cell lysates.

Note:

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

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