



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ZYG11B polyclonal antibody

Catalog: BS33864

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Protein zyg-11 homolog B: Serves as substrate adapter subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC. Acts to target substrates bearing N-terminal degrons for proteasomal degradation with the first four residues of substrates being the key recognition elements. Prefers Nt-Gly but also has the capacity to recognize Nt-Ser, -Ala and -Cys. Involved in the clearance of proteolytic fragments generated by caspase cleavage during apoptosis since N-terminal glycine degrons are strongly enriched at caspase cleavage sites. Also important in the quality control of protein N-myristoylation in which N-terminal glycine degrons are conditionally exposed after a failure of N-myristoylation. In addition, plays a role in the amplification of cGAS to enhance innate immune response. Mechanistically, strengthens the processes of cGAS binding with dsDNA and assembling oligomers and also accelerates and stabilizes...

Product:

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

Molecular Weight:

~83.9 kDa

Swiss-Prot:

Q9C0D3

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 ZYG11B protein

DATA:

Note:

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

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