



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SPSB3 polyclonal antibody

Catalog: BS33351

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

SPRY domain-containing SOCS box protein 3: Substrate-recognition component of a cullin-5-RING E3 ubiquitin-protein ligase complex (ECS complex, also named CRL5 complex), which mediates the ubiquitination and subsequent proteasomal degradation of target proteins, such as CGAS and SNAI1. The ECS(SPSB3) complex catalyzes 'Lys-48'-linked ubiquitination of nuclear CGAS in cycling cells, leading to its degradation. Recognizes and binds nucleosome-bound CGAS: ubiquitination and degradation of nuclear CGAS during G1 and G2 phases is required to promote low intranuclear CGAS abundance before the next mitotic cycle. The ECS(SPSB3) complex also mediates ubiquitination and degradation of phosphorylated SNAI1

Product:

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

Molecular Weight:

~39.4 kDa

Swiss-Prot:

Q6PJ21

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 SPSB3 protein

DATA:

Note:

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

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