



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### UFSP2 polyclonal antibody

Catalog: BS34759

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### BackGround:

Ufm1-specific protease 2: Thiol-dependent isopeptidase that specifically cleaves UFM1, a ubiquitin-like modifier protein, from conjugated proteins, such as CD274/PD-L1, CYB5R3, DDRGK1, MRE11, RPL26/uL24, TRIP4 and RPL26/uL24 . While it is also able to mediate the processing of UFM1 precursors, a prerequisite for conjugation reactions, UFSP2 mainly acts as a protein deUFMyase that mediates deconjugation of UFM1 from target proteins . Mediates deUFMylation of RPL26/uL24, a critical step to release the UFM1 ribosome E3 ligase (UREL) complex during the recycling of 60S ribosome subunits from the endoplasmic reticulum . Catalyzes deUFMylation of TRIP4, regulating intracellular nuclear receptors transactivation and thereby regulate cell proliferation and differentiation

#### Product:

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

#### Molecular Weight:

~53.3 kDa

#### Swiss-Prot:

Q9NUQ7

#### 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 UFSP2 protein

#### DATA:

Western blot analysis of CKMT1A expression in mouse colon (A), 293T (B), A431 (C) whole cell lysates.

#### Note:

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

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