

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### SAE1 (L247) Peptide

Cat No.: BS1457P

#### Background

Proteolytic degradation by the ubiquitin (Ub) system is essential for normal cell cycle progression, cellular differentiation and stress responses. Proteins conjugated to Ub are marked for progressive degradation by the 26S Proteasome. Ubiquitin-like 1-activating enzyme E1A, also designated SUMO-1-activating enzyme or AOS-1, belongs to the ubiquitin-activating E1 family of proteins and plays an important role in the first step of the UBL1 conjugation pathway. AOS-1, which is a dimeric enzyme, functions as a UBL1 E1 ligase, mediating the ATP-dependent activation of UBL1. It can bind with UBLE1A and UBLE1B to form a heterodimer which can bind UBL1.

#### Swiss-Prot

Q9UBE0

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1457 SAE1 (L247) pAb.

#### Purification & Purity

Synthetic peptide SAE1 (L247). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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