

## SAE1 polyclonal antibody

Catalog: BS91199

Host: Rabbit

Reactivity: Human

### 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. AOS-1, also designated SUMO-1-activating enzyme or ubiquitin-like 1-activating enzyme E1A, 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. AOS-1 can bind with UBLE1A and UBLE1B to form a heterodimer which can bind UBL1.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

38 kDa

### Swiss-Prot:

Q9UBE0(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:2,000

FC:1:50-1:100

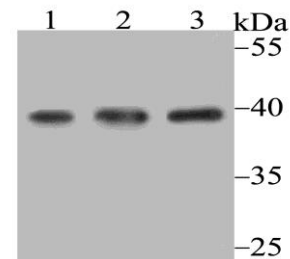
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

SAE1 polyclonal antibody detects endogenous levels of SAE1 protein.

### DATA:



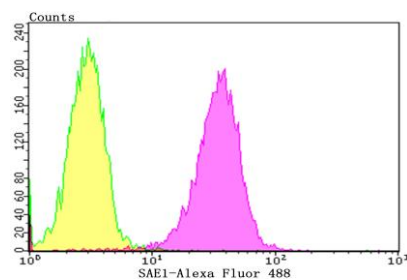
Western blot analysis of SAE1 on different cell lysates using anti-SAE1 antibody at 1/1,000 dilution.

Positive control:

Lane 1: SiHa

Lane 2: K562

Lane 3: 293



Flow cytometric analysis of A549 cells with SAE1 antibody at 1/100 dilution (yellow) compared with an unlabelled control (cells without incubation with primary antibody; purple).Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

### Note:

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

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