

## SAE2 (S621) polyclonal antibody

Catalog: BS1485

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The human Ubiquitin Activating domain 2 (UBA2) gene is located on chromosome 19q12. Human UBA2 could form a beta mercaptoethanol-sensitive conjugate with members of the sentrin family, but not with ubiquitin of NEDD8 in the presence of AOS1. The recombinant proteins, Sua1p and hUba2, form a complex. In this complex, hUba2 binds SUMO-1, which gives the complex the activity of the SUMO-1 activating enzyme. Therefore, UBA2 has been found to be a component of the sentrin-activating enzyme complex.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 90 kDa

### Swiss-Prot:

Q9UBT2

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

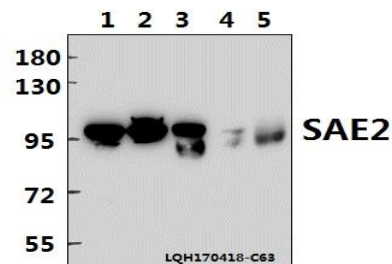
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Uba2 (S621) polyclonal antibody detects endogenous

levels of Uba2 protein.

### DATA:



Western blot (WB) analysis of SAE2 (S621) polyclonal antibody at 1:500 dilution

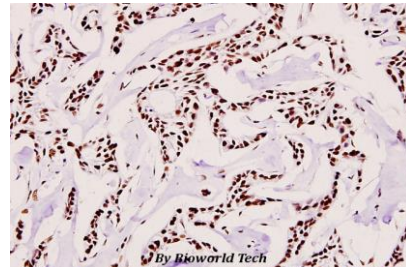
Lane1:A549 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:H1792 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Lane5:BV2 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of SAE2 (S621) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151