

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06097 - Goat Anti-SAE1 / AOS1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SAE1, AOS1, SUA1, HSPC140, SUMO-1 activating enzyme subunit 1, sentrin/SUMO-activating protein AOS1, SUMO-1 activating enzyme E1 N subunit, ubiquitin-like protein SUMO-1 activating enzyme, SUMO1 activating enzyme subunit 1, FLJ3091, UBLE1A, activator of SUMO1, ubiquitin-like 1-activating enzyme E1A

**Official Symbol:** SAE1

**Accession Number(s):** NP\_005491.1

**Human GeneID(s):** [10055](#)

### Immunogen

Peptide with sequence MKGNNGIVECLGPK, from the C Terminus of the protein sequence according to NP\_005491.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

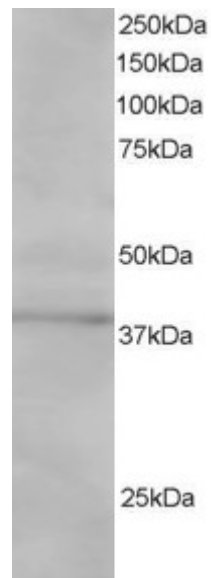
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 40kDa band observed in Jurkat and 293 cell lysates (predicted MW of 40kDa according to NP\_005491). Recommended for use at 1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB06097 staining (1 $\mu$ g/ml) of Jurkat lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.