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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06097 - Goat Anti-SAE1 / AOS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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

Specific Reference

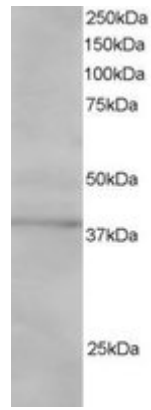
The goat polyclonal antibody used in this paper was manufactured by us:

Jones MC, Fusi L, Higham JH, Abdel-Hafiz H, Horwitz KB, Lam EW, Brosens JJ.

Regulation of the SUMO pathway sensitizes differentiating human endometrial stromal cells to progesterone.

Proc Natl Acad Sci U S A. 2006 Oct 31;103(44):16272-7.

PMID: 17053081



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