

## Goat anti-SAE1 / AOS1 Antibody

<b>Item Number</b>	dAP-0244
<b>Target Molecule</b>	Principle Name: SAE1 / AOS1; Official Symbol: SAE1; All Names and Symbols: 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 S; Accession Number (s): NP_005491.1; Human Gene ID(s): 10055; Non-Human GeneID(s):
<b>Immunogen</b>	MKGNGIVECLGPK, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Desterro JM, Rodriguez MS, Kemp GD, Hay RT. Identification of the enzyme required for activation of the small ubiquitin-like protein SUMO-1. J Biol Chem. 1999 Apr 9;274(15):10618-24..PMID: 10187858->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**