

Goat anti-SAE2 / UBA2 Antibody

Item Number	dAP-0234
Target Molecule	Principle Name: SAE2 / UBA2; Official Symbol: SAE2; All Names and Symbols: UBA2; SAE2; SUMO-1 activating enzyme subunit 2; Accession Number (s): NP_005490; Human Gene ID(s): 10054; Non-Human GeneID(s): 50995 (mouse)
Immunogen	ALSRGLPRELAEA, is from N Terminus
Applications	Pep ELISA Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: This antibody has been successfully used in a publication: PMID: 23832333. Preliminary experiments showed an approx. 35kDa band in Human Testis and Brain extracts at 1ug of primary, this band was successfully blocked by incubation with the
IHC	
Reference	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**