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## **SAE2 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 254282

**Unit:** 0.1 mg

### **Description:**

Small ubiquitin-like modifiers (SUMOs) are a family of small, related proteins (SUMO-1/2/3/4) that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation, a major regulator of protein function in cellular processes such as nuclear transport, transcriptional regulation, apoptosis and protein stability. This sumoylation is effected by the heterodimeric enzyme SAE1/SAE2 and the SUMO-1-conjugating enzyme Ubch9. The sumoylation pathway mediated by SAE1/SAE2 is distinct from other ubiquitin-like protein (Ubl) pathways.

**Isotype:** Rabbit Ig

**Applications:** E, WB, ICC

**Species Reactivity:** H

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** SAE2; SUMO1 activating enzyme subunit 2; ubiquitin-like modifier activating enzyme 2; UBA2; ARX

**Accession No.:** NP\_005490

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human SAE2.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.