

Datasheet for ABIN7453775  
**anti-UBA2 antibody (AA 525-575)**



[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 20 µg  |
| Target:              | UBA2   |
| Binding Specificity: | AA 525-575   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This UBA2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

## Product Details

|               |  |
|---------------|--|
| Purpose:      | Rabbit anti-SAE2 Antibody, Affinity Purified |
| Immunogen:    | between AA 525 and 575                       |
| Isotype:      | IgG  |
| Purification: | Affinity Purified                            |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | UBA2  |
| Alternative Name: | SAE2 ( <a href="#">UBA2 Products</a> )  |
| Background:       | Background: SAE2 (SUMO-activating enzyme subunit 2) is also known as UBA2 (ubiquitin-like |

## Target Details

modifier activating enzyme 2). Heterodimers of SAE1 and SAE2 act as an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. Heterodimers mediate ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2 [taken from the Universal Protein Resource (UniProt) Q9UBT2].

Gene ID: 10054

NCBI Accession: [NP\\_005490](#)

UniProt: [Q9UBT2](#)

## Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months