

Recombinant

DGRmAb®

SAE1 (DGR14775) Rabbit mAb

db12462

Package : 10µL 20µL 50µL 100µL

Product Name : SAE1 (DGR14775) Rabbit mAb**Cat.No.:** db12462**Synonyms** : AOS1; SUA1; UBLE1A; HSPC140**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Rat**Host species** : Rabbit**Background**

Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1; MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 (MIM 613295) form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]).[supplied by OMIM, Mar 2010]

Immunogen

A synthetic peptide of human SAE1

Gene ID

10055

Swiss Prot

Q9UBE0

Synonyms

AOS1; SUA1; UBLE1A; HSPC140

Reactivity

Human,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

ICC/IF: 1:200-1:500

FC: 1:100-1:200

IP: 1:50-1:100

Calculated MW

39 kDa

Observed MW

39 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14775

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	<div>Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.</div> <div><div></div><div>Western blot detection of SAE1 in K562,Hela cell lysates using SAE1 antibody(1:1000 diluted).</div><div></div><div>Immunofluorescent analysis of HeLa cells using db12462 antibody (green), and DAPI (blue).</div></div>