

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08330 - Goat Anti-SEN6 / SUSP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SENP6, SUSP1, SUMO1/sentrin specific peptidase 6, RP1-134M13.1, FLJ11355, FLJ11887, KIAA0389, KIAA0797, SSP1, 2810017C20Rik, SUMO-1-specific protease, SUMO1/sentrin specific protease 6

**Official Symbol:** SENP6

**Accession Number(s):** NP\_001093879.1; NP\_056386.2

**Human GeneID(s):** [26054](#)

**Non-Human GeneID(s):** 215351 (mouse), 300860 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_001093879.1; NP\_056386.2).

### Immunogen

Peptide with sequence C-KPKYEPNPHYHEN, from the internal region of the protein sequence according to NP\_001093879.1; NP\_056386.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Immunofluorescence:** Strong expression of the protein seen in the nuclei and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of U2OS cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Cow

EB08330 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB08330 Flow cytometric analysis of paraformaldehyde fixed U2OS cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.