Datasheet for ABIN334488

anti-SENP6 antibody (Internal Region)

3 Images

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Overview

Quantity:	100 µg
Target:	SENP6
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SENP6 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	SENP6 / SUSP1
Immunogen:	Peptide with sequence C-KPKYEPNPHYHEN, from the internal region of the protein sequence according to NP_001093879.1, NP_056386.2.
Sequence:	KPKYEPNPHY HEN
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001093879.1, NP_056386.2).
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Verified

Target Details

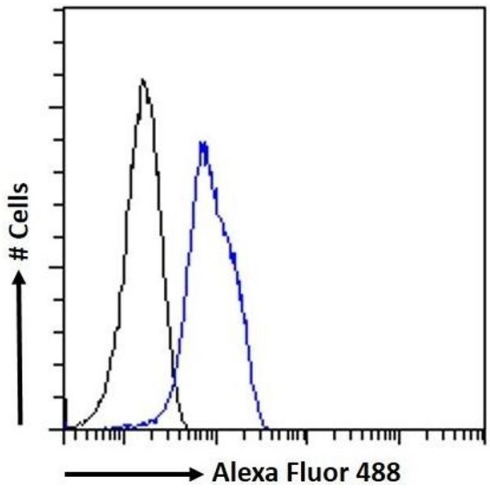
Target:	SENP6
Alternative Name:	SENP6 (SENP6 Products)
Background:	SENP6, SUSP1, SUMO1/sentrin specific peptidase 6, RP1-134M13.1, FLJ11355, FLJ11887, KIAA0389, KIAA0797, SSP1, 2810017C20Rik, SUMO-1-specific protease, SUMO1/sentrin specific protease 6
Gene ID:	26054, 215351, 300860
NCBI Accession:	NP_001093879, NP_056386

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	**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
Restrictions:	For Research Use only

Handling

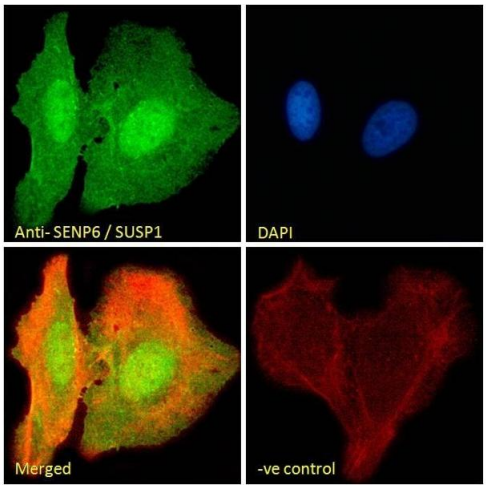
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. (ABIN334488) Flow cytometric analysis of paraformaldehyde fixed U2OS cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Image 2. ABIN334488 (0.5µg/ml) staining of HeLa cell nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunofluorescence

Image 3. (ABIN334488) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/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 (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).