

Datasheet for ABIN1019674
anti-USP6 antibody (AA 142-155)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	USP6
Binding Specificity:	AA 142-155
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This USP6 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	USP6 (aa142-155)
Immunogen:	Peptide with sequence C-HHIDL DVRTTLRNH, from the internal region (near N Terminus) of the protein sequence according to NP_004496.2.
Sequence:	HHIDL DVRTT LRNH
Isotype:	IgG
Specificity:	This antibody is expected NOT to cross react to USP32 or to the TBC1D3 proteins.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

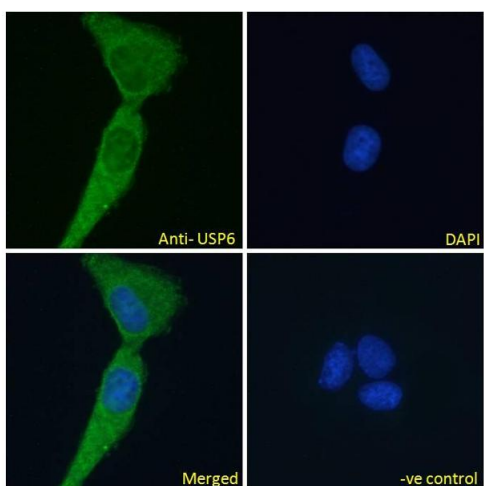
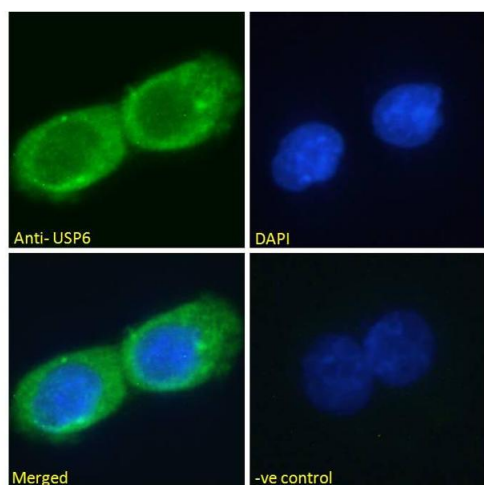
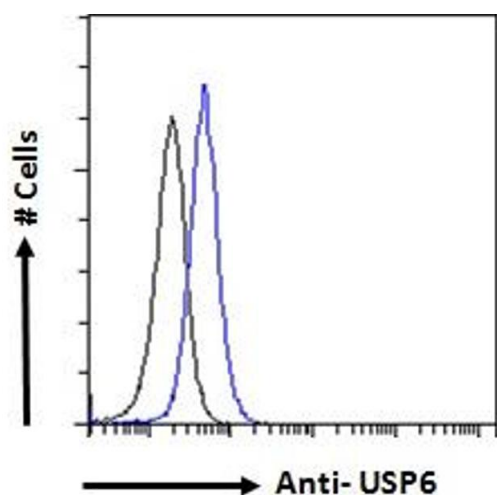
Target:	USP6
Alternative Name:	USP6 (USP6 Products)
Background:	USP6, ubiquitin specific peptidase 6 (Tre-2 oncogene), HRP1, TRE17, TRE2, Tre-2, USP6-short, OTTHUMP00000125301, deubiquitinating enzyme 6, hyperpolymorphic gene 1, proto-oncogene TRE-2, tre-2 oncogene, ubiquitin carboxyl-terminal hydrolase 6, ubiquitin s
Gene ID:	9098, 237898
NCBI Accession:	NP_004496

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Testis, Prostate and Placenta lysates gave no specific signal but low background at antibody concentration up to 1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 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. ABIN1019674 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line).

Immunofluorescence

Image 2. ABIN1019674 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Immunofluorescence

Image 3. ABIN1019674 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 cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).