

## UK Office

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

## EB11496 - Goat Anti-USP6 (aa142-155) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** deubiquitinating enzyme 6, HRP1, hyperpolymorphic gene 1, OTTHUMP00000125301, proto-oncogene TRE-2, TRE17, TRE2, Tre-2, tre-2 oncogene, ubiquitin carboxyl-terminal hydrolase 6, ubiquitin specific peptidase 6-, ubiquitin specific peptidase 6 (Tre-2 oncogene), ubiquitin specific protease 6 (Tre-2 oncogene), ubiquitin thioesterase 6, ubiquitin thiolesterase 6, ubiquitin-specific protease USP6, ubiquitin-specific-processing protease 6, USP6, USP6-short

**Official Symbol:** USP6

**Accession Number(s):** NP\_004496.2

**Human GeneID(s):** [9098](#)

**Non-Human GeneID(s):** 237898 (mouse)

**Important Comments:** This antibody is expected NOT to cross react to USP32 or to the TBC1D3 proteins.

### Immunogen

Peptide with sequence C-HHIDLVDVRTTLRNH, from the internal region (near N Terminus) of the protein sequence according to NP\_004496.2.

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 1:4000.

**Western blot:** Preliminary experiments in Human Testis, Prostate and Placenta lysates gave no specific signal but low background at antibody concentration up to 1µg/ml.

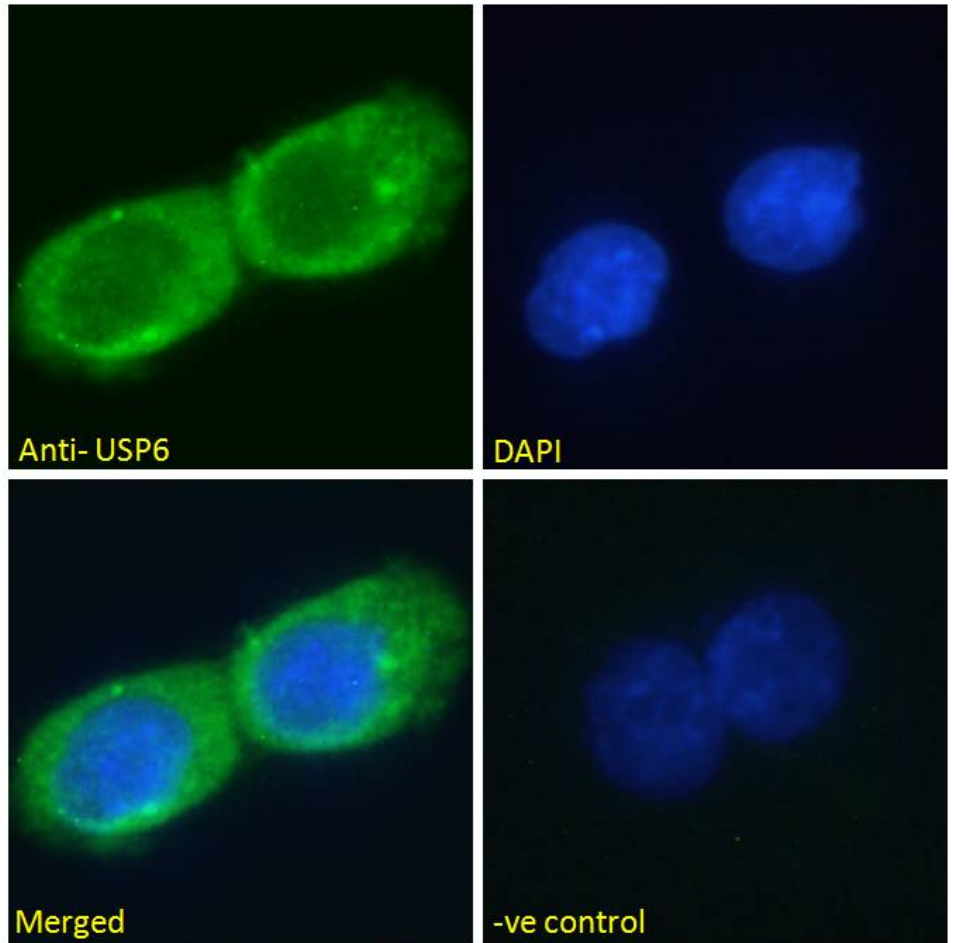
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

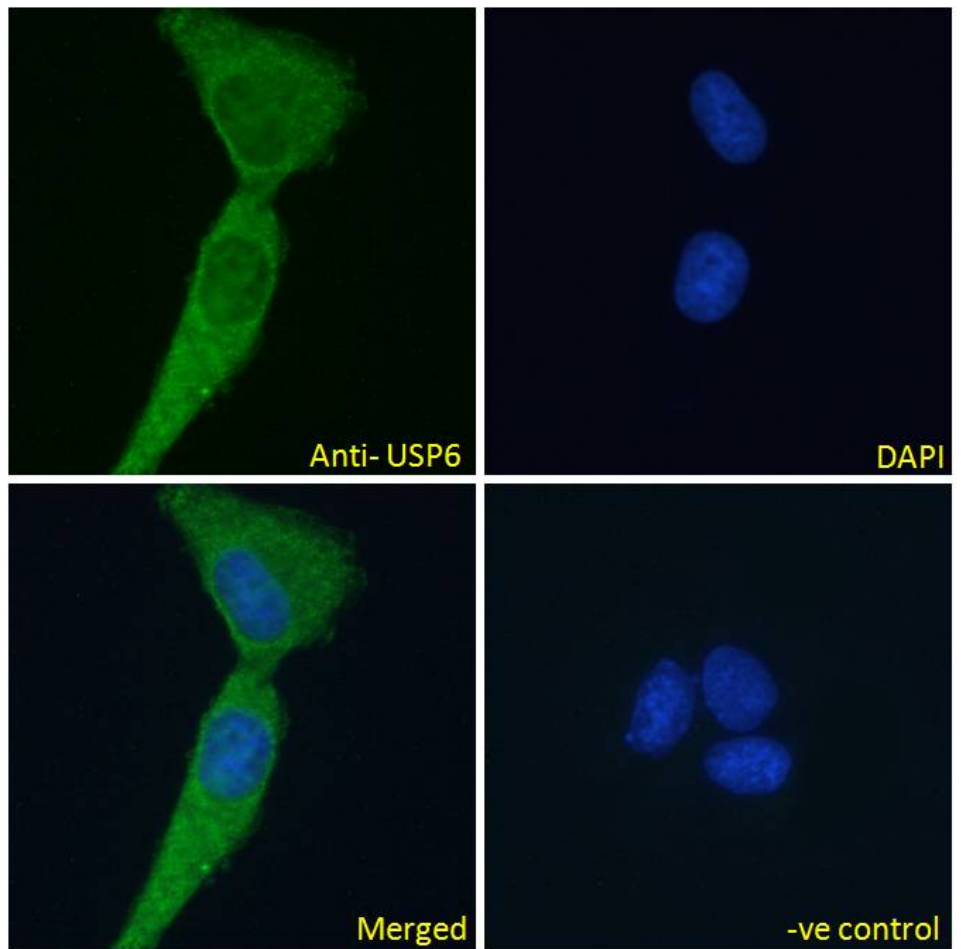
### Species Reactivity

**Tested:** Human

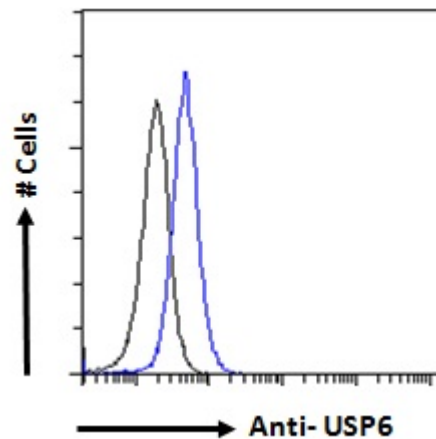
**Expected from sequence similarity:** Human



EB11496 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).



EB11496 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).



EB11496 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) followed by Alexa Fluor 488 secondary antibody.