

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



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3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | USP6 |
| Binding Specificity: | AA 142-155 |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| 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

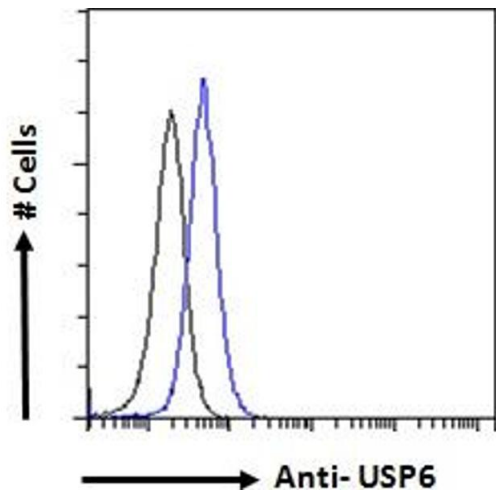
| | |
|-------------------|---|
| Target: | USP6 |
| Alternative Name: | USP6 (USP6 Products) |
| Background: | USP6, ubiquitin specific peptidase 6 (Tre-2 oncogene), HRP1, TRE17, TRE2, Tre-2, USP6-short, OTTHUMP00000125301, deubiquitinating enzyme 6, hyperpolymorphic gene 1, proto-oncogene TRE-2, tre-2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

Application Details

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|--------------------|--|
| 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 |

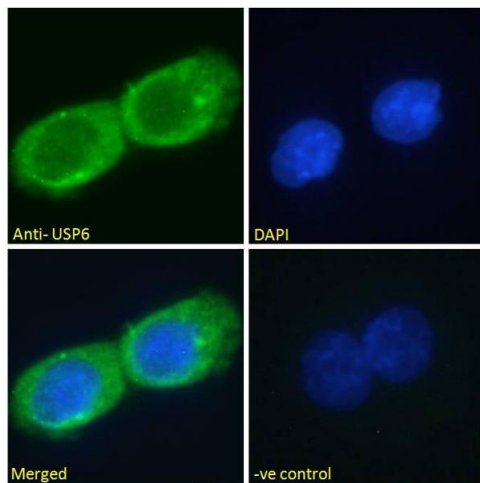
Handling

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|--------------------|--|
| 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. |



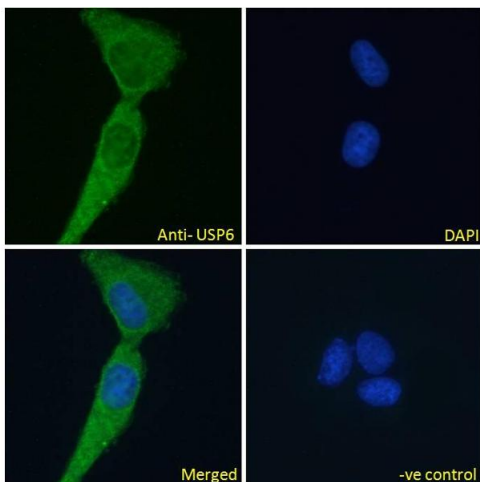
Flow Cytometry

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).