

USP11 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP09433 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from the Internal region of human USP11. |
| Mol wt | 105031 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | IF, WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | USP11 Antibody |
| Synonyms | USP11; UHX1; Ubiquitin carboxyl-terminal hydrolase 11; Deubiquitinating enzyme 11; Ubiquitin thioesterase 11; Ubiquitin-specific-processing protease 11 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

USP11 (Ubiquitin Specific Peptidase 11) is a Protein Coding gene. Among its related pathways are Transport to the Golgi and subsequent modification and Chaperonin-mediated protein folding. GO annotations related to this gene include cysteine-type endopeptidase activity and thiol-dependent ubiquitinyl hydrolase activity. An important paralog of this gene is USP4. rotease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains (PubMed: 12084015, PubMed: 15314155, PubMed: 17897950, PubMed: 19874889, PubMed: 20233726, PubMed: 24724799). Inhibits the degradation of target proteins by the proteasome (PubMed: 12084015). Cleaves preferentially Lys-6 and Lys-63-linked ubiquitin chains. Has lower activity with Lys-11 and Lys-33-linked ubiquitin chains, and extremely low activity with Lys-27, Lys-29 and Lys-48-linked ubiquitin chains (in vitro) (PubMed: 24724799). Plays a role in the regulation of pathways leading to NF-kappa-B activation (PubMed: 17897950, PubMed: 19874889). Plays a role in the regulation of DNA repair after double-stranded DNA breaks (PubMed: 15314155, PubMed: 20233726).

Recommended Dilution

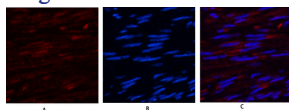
WB: 1: 500 - 1: 2000

ELISA: 1: 20000

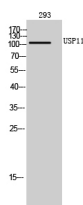
IF: 1: 50 - 200

Not yet tested in other applications.

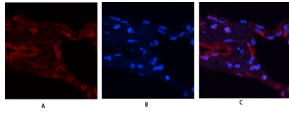
Images



Immunofluorescence analysis of human-uterus tissue. 1, USP11 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western Blot analysis of 293 cells using USP11 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.



Immunofluorescence analysis of human-lung tissue. 1,USP11 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min), 3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

Storage

-20°C for one year

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