



USP11 Polyclonal Antibody

Catalog No	YP-Ab-02826
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IF;WB;ELISA
Gene Name	USP11
Immunogen	Synthesized peptide derived from the Internal region of human USP11.
Specificity	USP11 Polyclonal Antibody detects endogenous levels of USP11 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF: 1:50-200 Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Deubiquitinating enzyme 11;Ubiquitin thiolesterase 11;UHX1;USP11;Ubiquitin carboxyl-terminal hydrolase 11;Ubiquitin thioesterase 11;Ubiquitin-specific-processing protease 11
Observed Band	105kD
Calculated Molecular Weight	105kD
Cell Pathway	Nucleus . Cytoplasm . Chromosome . Predominantly nuclear (PubMed:12084015, PubMed:15314155). Associates with chromatin (PubMed:20601937, PubMed:20233726). .
Tissue Specificity	Brain,Fetal brain,Muscle,Retina,
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 DUSP domain.,subunit:Interacts with RANBP9/RANBPM.,
Background	Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases



that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp11.23 [provided by RefSeq, Jul 2008],

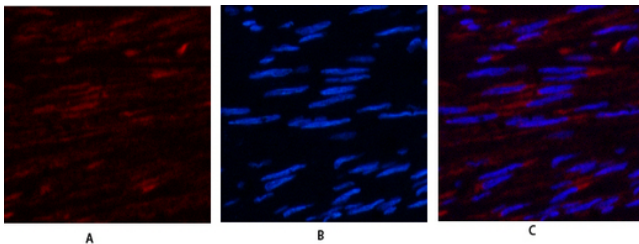
matters needing attention

Avoid repeated freezing and thawing!

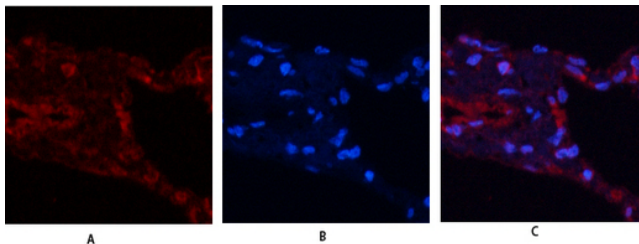
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

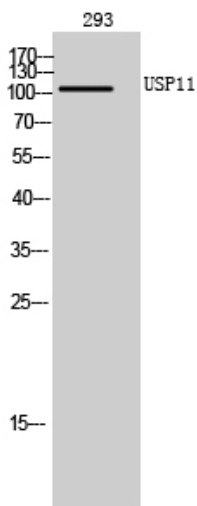
Products Images



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



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



Western Blot analysis of 293 cells using USP11 Polyclonal Antibody. Secondary antibody (catalog#: RS0002) was diluted at 1:20000. Cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).