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**Product Name: USP19 Rabbit Polyclonal Antibody****Catalog #: APRab19667**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	130kDa

**Antigen Information**

<b>Gene Name</b>	USP19 USP19; KIAA0891; ZMYND9; Ubiquitin carboxyl-terminal hydrolase 19; Deubiquitinating
<b>Alternative Names</b>	enzyme 19; Ubiquitin thioesterase 19; Ubiquitin-specific-processing protease 19; Zinc finger MYND domain-containing protein 9
<b>Gene ID</b>	10869.0
<b>SwissProt ID</b>	O94966
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human USP19. AA range:391-440

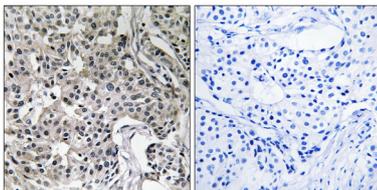
## Background

catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Translation N-terminally shortened.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 2 CS domains.,catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Translation N-terminally shortened.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 2 CS domains.,

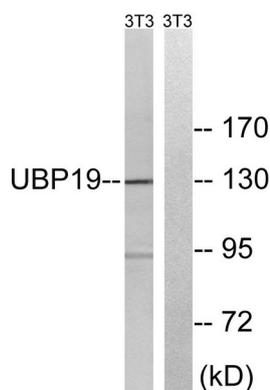
## Research Area

Cell Biology; Proteolysis / Ubiquitin; Proteasome / Ubiquitin; Proteasome

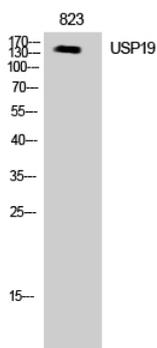
## Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using USP19 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using USP19 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of NIH-3T3 cells using USP19 Polyclonal Antibody diluted at 1 : 2000. Secondary antibody was diluted at 1:20000