

## USP33 Polyclonal Antibody

**catalog number: E-AB-66715**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

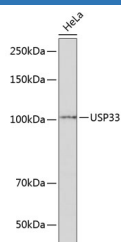
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human USP33 (NP_963920.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200
<b>IF</b>	1:50-1:100

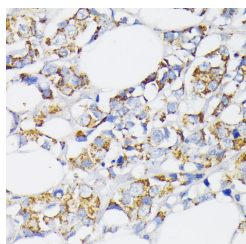
### Data



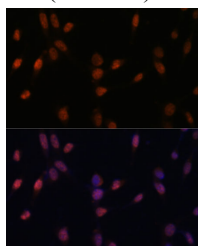
Western blot analysis of extracts of HeLa cells using USP33 Polyclonal Antibody at dilution of 1:1000.

**Observed-MV:107 kDa**

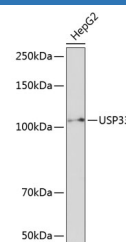
**Calculated-MV:93 kDa/103 kDa/106 kDa**



Immunohistochemistry of paraffin-embedded Human breast cancer using USP33 Polyclonal Antibody at dilution of 1:100 (40x lens).



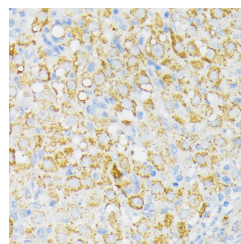
Immunofluorescence analysis of NIH-3T3 cells using USP33 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of HepG2 cells using USP33 Polyclonal Antibody at dilution of 1:1000.

**Observed-MV:107 kDa**

**Calculated-MV:93 kDa/103 kDa/106 kDa**



Immunohistochemistry of paraffin-embedded Rat ovary using USP33 Polyclonal Antibody at dilution of 1:100 (40x lens).

### For Research Use Only

## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

This gene encodes a deubiquinating enzyme important in a variety of processes, including Slit-dependent cell migration and beta-2 adrenergic receptor signaling. The protein is negatively regulated through ubiquitination by von Hippel-Lindau tumor protein (VHL). Alternative splicing results in multiple transcript variants and protein isoforms.

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