

## UBP21 Rabbit pAb

CatalogNo: YN3171

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 60kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human UBP21 AA range: 50-100

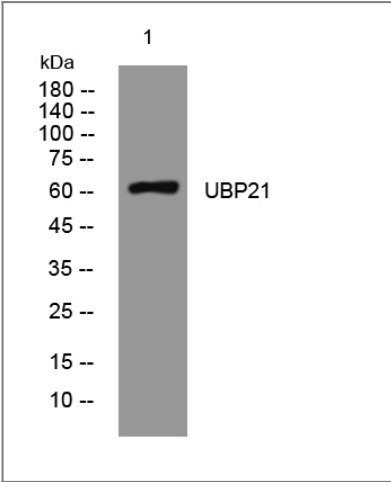
**Specificity** This antibody detects endogenous levels of UBP21 at Human/Mouse/Rat

### | Target Information

**Gene name** USP21 USP23 PP1490

<b>Protein Name</b>	UBP21		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">27005</a> ;	<a href="#">Q9UK80</a> ;
	Mouse	<a href="#">30941</a> ;	<a href="#">Q9QZL6</a> ;
	Rat	<a href="#">688466</a> ;	<a href="#">B2GUX4</a> ;
<b>Cellular Localization</b>	Cytoplasm . Nucleus .		
<b>Tissue specificity</b>	Highly expressed in heart, pancreas and skeletal muscle. Also expressed in brain, placenta, liver and kidney, and at very low level in lung.		
<b>Function</b>	Catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,Function:Deubiquitinates histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A releases the repression of di- and trimethylation of histone H3 at 'Lys-4', resulting in regulation of transcriptional initiation. Regulates gene expression via histone H2A deubiquitination (By similarity). Also capable of removing NEDD8 from NEDD8 conjugates but has no effect on Sentrin-1 conjugates.,similarity:Belongs to the peptidase C19 family. USP21 subfamily.,tissue specificity:Highly expressed in heart, pancreas and skeletal muscle. Also expressed in brain, placenta, liver and kidney, and at very low level in lung.,		

Validation Data



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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**UBP21 Rabbit pAb**

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