

# pan-Ubiquitin Remnant Motif (K-ε-GG) Rabbit pAb

Catalog No.: A20303

## Basic Information

### Observed MW

>10kDa/□10kDa

### Calculated MW

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Ubiquitination plays a key role in protein degradation and signal transduction. Characterization of ubiquitination sites is important for understanding the role of this modification in cellular processes and disease. Ubiquitination sites are usually identified by detection of Lys-?-Gly-Gly (K-?-GG)-remnant peptides, which are generated by tryptic digestion of proteomes. The di-glycine remnant left at sites of ubiquitination after trypsin digestion through cleavage of the C-terminal -RGG sequence on ubiquitin (K-ε-GG). This Ubiquitin K-ε-GG remnant motif antibody will recognize the di-glycine remnant independent of flanking amino acid sequence.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to a sequence containing ubiquitinated Motif (K-ε-GG)

### Synonyms

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

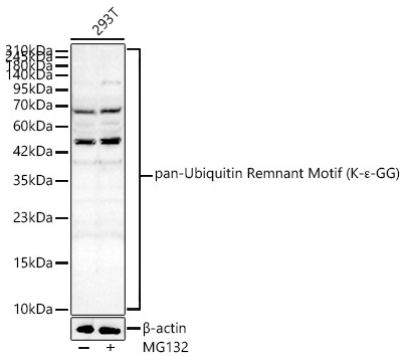
Affinity purification

### Storage

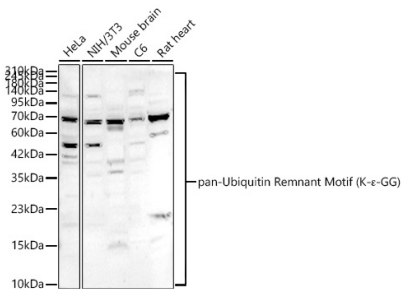
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells using pan-Ubiquitin Remnant Motif (K-ε-GG) Rabbit pAb (A20303) at 1:1000 dilution. 293T cells were treated by MG132(5 μM) at 37°C for 4 hours.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 μg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Western blot analysis of various lysates using pan-Ubiquitin Remnant Motif (K-ε-GG) Rabbit pAb (A20303) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25 μg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.