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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

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Product Information

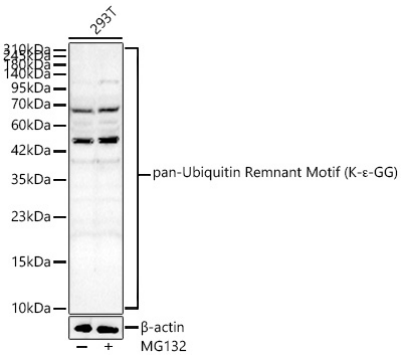
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. 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℃ 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.