

K27-linkage Specific Polyubiquitin Rabbit pAb

Catalog No.: A18202 **1 Publications**

Basic Information

Observed MW**Calculated MW****Category**

Primary antibody

Applications

ELISA, WB, DB

Cross-Reactivity

Human, Mouse, Rat

Background

Ubiquitination, one type of the most common post-translational modification, mediates the regulation of protein homeostasis in vivo. Since ubiquitin itself contains multiple lysine residues and one N-terminal free amino group, eight types of ubiquitin chains can be formed. The K27 ubiquitin chain is formed through the ubiquitination of the ubiquitin Lys27 (K27), which adopts a compact conformation. In recent years, biological function of the K27 ubiquitin chain in innate immunity, protein homeostasis and DNA damage has been discovered, but the molecular mechanisms of K27 ubiquitin chain assembly, recognition and hydrolysis are still poorly understood.

Recommended Dilutions

WB 1:500 - 1:2000**DB** 1:500 - 1:1000

Immunogen Information

Gene ID**Swiss Prot****Immunogen**

A synthetic peptide corresponding to a sequence containing polyubiquitinated protein (K27 linkage).

Synonyms

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

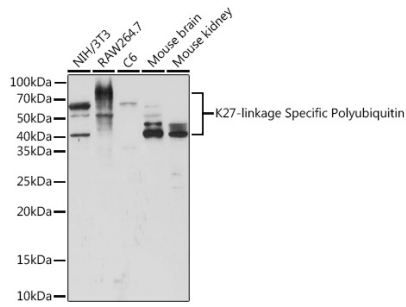
Affinity purification

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 various lysates using K27-linkage Specific Polyubiquitin Rabbit pAb (A18202) at 1:500 dilution.

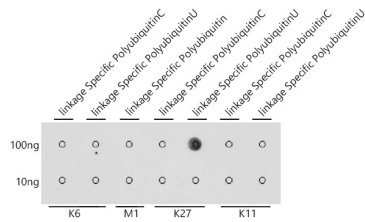
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.



Dot-blot analysis of all sorts of peptides using K27-linkage Specific Polyubiquitin antibody (A18202) at 1:1000 dilution.