# K27-linkage Specific Polyubiquitin Rabbit pAb

Catalog No.: A18202 2 Publications



## **Basic Information**

**Observed MW** 

Calculated MW

Category Primary antibody

Applications WB,DB,ELISA

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
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

## Gene ID

Swiss Prot

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

## Contact

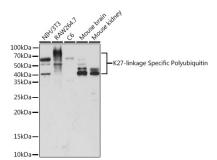
6	400-999-6126
$\times$	cn.market@abclonal.com.cn
€	www.abclonal.com.cn
€	www.abclonal.com.cr

# **Product Information**

**Source** Rabbit **Isotype** IgG Purification Affinity purification

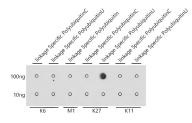
## Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



Western blot analysis of various lysates using K27-linkage Specific Polyubiquitin Rabbit pAb (A18202) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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.