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

Immunogen Information

WB	1:500 - 1:2000	Gene ID	Swiss Prot
DB	1:500 - 1:1000	Immunogen A synthetic peptide corresponding to a sequence containing polyubiquitinated protein (K27 linkage).	

Synonyms

a 400-999-6126 x cn.market@abclonal.com.cn y www.abclonal.com.cn

Product Information

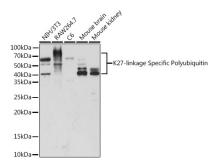
lsotype IgG Purification Affinity purification

Storage

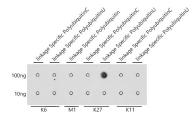
Source

Rabbit

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 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.