

A18198

Leader in Biomolecular Solutions for Life Science



## K29-linkage Specific Polyubiquitin Rabbit pAb

Catalog No.: A18198

### Basic Information

**Observed MW**

**Calculated MW**

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA, DB

**Cross-Reactivity**

Human, Mouse, Rat, Other (Wide Range Predicted)

### Background

Polyubiquitin chains regulate diverse cellular processes through the ability of ubiquitin to form chains of eight different linkage types. When attached to a target protein, have different functions depending on the Lys residue of the ubiquitin that is linked. K29-linked ubiquitination is involved in different kinds of cellular proteotoxic stress response as well as cell cycle regulation. In particular, K29-linked ubiquitination is enriched in the midbody and downregulation of the K29-linked ubiquitination signal arrests cells in G1/S phase.

### Recommended Dilutions

**DB** 1:500 - 1:1000

**WB** 1:500 - 1:2000

### Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**

A synthetic peptide corresponding to a sequence containing polyubiquitinated protein (K29 linkage).

**Synonyms**

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

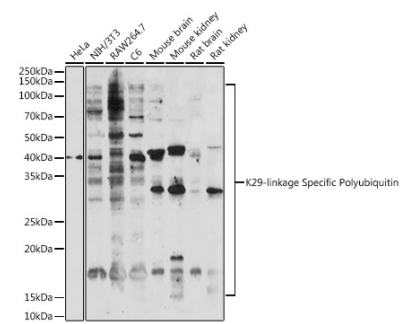
Affinity purification

**Storage**

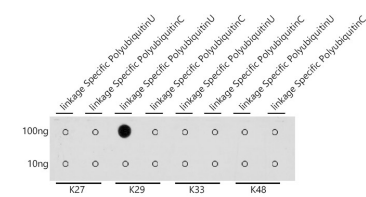
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using K29-linkage Specific Polyubiquitin Rabbit pAb (A18198) 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: 90s.



Dot-blot analysis of all sorts of peptides using K29-linkage Specific Polyubiquitin antibody (A18198) at 1:1000 dilution.