

# Affinity Gel-conjugated Pan Succinyl-Lysine Rabbit mAb

Catalog No.: A26023 **Recombinant**

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

IP

### Cross-Reactivity

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

### CloneNo number

ARC55832-AG

### Conjugate

Affinity Gel

## Background

The lysine residue in proteins can undergo to many types of PTMs, such as methylation, acetylation, biotinylation, ubiquitination, ubiquitin-like modifications, propionylation and butyrylation, then leading to the remarkable complexity of PTM networks. Succinylation is a posttranslational modification (PTM) where a succinyl group is added to a Lys (K) residue of a protein molecule. It has been shown that the lysine succinylation responses to different physiological conditions and is evolutionary conserved. It has been identified 2,565 succinylation sites from 779 proteins and revealed that lysine succinylation have potential impacts on enzymes involved in mitochondrial metabolism including the amino acid degradation, tricarboxylic acid (TCA) cycle and fatty acid metabolism. The lysine succinylation also occurs in histones, suggesting that it may play an important role in regulating chromatin structures and functions as well.

## Recommended Dilutions

IP                      30ul antibody (bead slurry) for 200µg-400µg extracts of whole cells

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

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

### Synonyms

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS with 50% glycerol, 0.03% Sodium azide, pH 7.3.