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Magnetic Beads-conjugated Pan Succinyl-Lysine Rabbit mAb

Catalog No.: A26020 Recombinant

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
IP

Cross-Reactivity
Human, Mouse, Rat, Other (Wide Range Predicted)

CloneNo number
ARC55837-MB

Conjugate
Magnetic Beads

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 evolutional 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 Thelysine 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

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,pH7.3.