

(KO Validated) SIRT5 Polyclonal Antibody

catalog number: **E-AB-92677**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

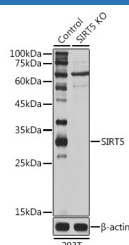
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant fusion protein of human SIRT5 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications Recommended Dilution

| | |
|-----------|--------------|
| WB | 1:500-1:2000 |
|-----------|--------------|

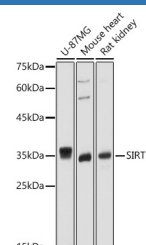
Data



Western blot analysis of extracts from normal (control) and SIRT5 knockout (KO) 293T cells, using SIRT5 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:30 kDa

Calculated-MW:21 kDa/31 kDa/32 kDa/33 kDa



Western blot analysis of extracts of various cell lines using SIRT5 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:30 kDa

Calculated-MW:21 kDa/31 kDa/32 kDa/33 kDa

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants.

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