

## SIRT4 Polyclonal Antibody

**Catalog No.** E-AB-62394

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

### Description

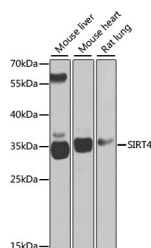
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human, Mouse, Rat                                    |
| <b>Immunogen</b>    | Recombinant protein of human SIRT4                   |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Affinity purification                                |
| <b>Conjugation</b>  | Unconjugated   |
| <b>Buffer</b>       | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |

### Applications

### Recommended Dilution

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

### Data



Western blot analysis of extracts of various cell lines  
with SIRT4 Polyclonal Antibody

**Observed Mw:35kDa**  
**Calculated Mw:35kDa**

### Preparation & Storage

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

### 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 IV of the sirtuin family.

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