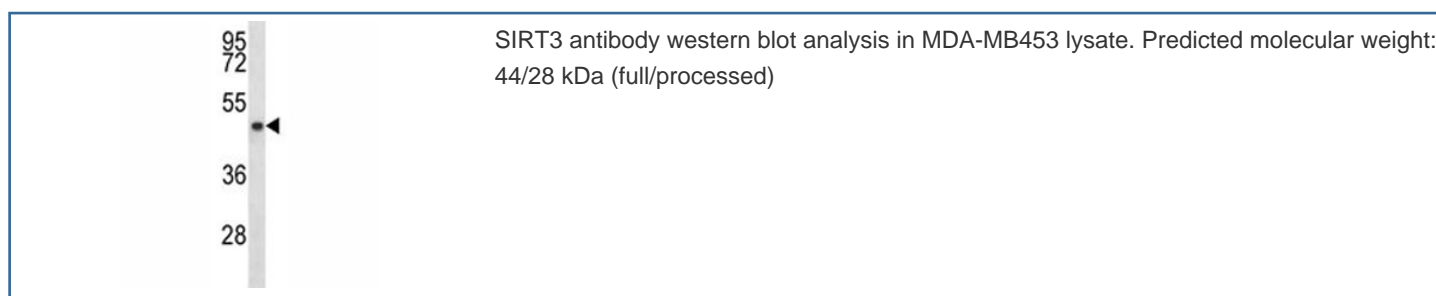


## SIRT3 Antibody (F43965)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F43965-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F43965-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human   |
| <b>Format</b>             | Antigen affinity purified                               |
| <b>Host</b>               | Rabbit  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                              |
| <b>Isotype</b>            | Rabbit Ig   |
| <b>Purity</b>             | Antigen affinity  |
| <b>UniProt</b>            | Q9NTG7  |
| <b>Applications</b>       | Western Blot : 1:1000                                   |
| <b>Limitations</b>        | This SIRT3 antibody is available for research use only. |



## Description

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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.

## Application Notes

Titration of the SIRT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 56-84 from the human protein was used as the immunogen for this SIRT3 antibody.

## Storage

Aliquot the SIRT3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.