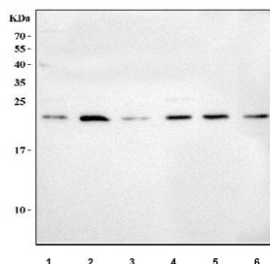


## MSRB3 Antibody / Methionine-R-sulfoxide reductase B3 (RQ8341)

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ8341      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                       |
| <b>Format</b>             | Antigen affinity purified                               |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                              |
| <b>Isotype</b>            | Rabbit IgG                                              |
| <b>Purity</b>             | Antigen affinity purified                               |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose               |
| <b>UniProt</b>            | Q8IXL7                                                  |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>ELISA : 0.1-0.5ug/ml       |
| <b>Limitations</b>        | This MSRB3 antibody is available for research use only. |



Western blot testing of 1) human A549, 2) human SiHa, 3) human ThP-1, 4) human U-251, 5) rat testis and 6) mouse testis tissue lysate with MSRB3 antibody. Predicted molecular weight ~21 kDa.

### Description

The protein encoded by this gene catalyzes the reduction of methionine sulfoxide to methionine. This enzyme acts as a monomer and requires zinc as a cofactor. Several transcript variants encoding two different isoforms have been found for this gene. One of the isoforms localizes to mitochondria while the other localizes to endoplasmic reticula.

### Application Notes

Optimal dilution of the MSRB3 antibody should be determined by the researcher.

### Immunogen

An E.coli-derived human recombinant protein (A30-D170) was used as the immunogen for the MSRB3 antibody.

## **Storage**

After reconstitution, the MSRB3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.