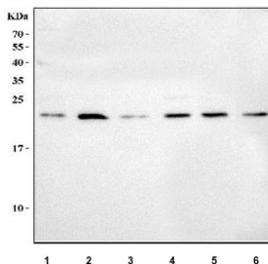


## MSRB3 Antibody / Methionine-R-sulfoxide reductase B3 (RQ8341)

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>Host</b>	Rabbit
<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 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.