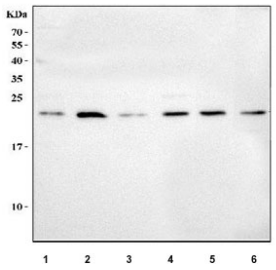
MSRB3 Antibody / Methionine-R-sulfoxide reductase B3 (RQ8341)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8IXL7
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml
Limitations	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.

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