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MSRB3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13112a

Specification

MSRB3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q8IXL7

MSRB3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 253827

Other Names
Methionine-R-sulfoxide reductase B3, MsrB3, 184-, MSRB3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13112a was selected from the N-term region of MSRB3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MSRB3 Antibody (N-term) Blocking peptide - Protein Information

Name MSRB3

Function
Catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine. Isoform 2 is essential for hearing.

Cellular Location
[Isoform 1]: Endoplasmic reticulum.

Tissue Location
Widely expressed.

MSRB3 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

MSRB3 Antibody (N-term) Blocking peptide - Images

MSRB3 Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene catalyzes the reductionof methionine sulfoxide to methionine. This enzyme acts as amonomer and requires zinc as a cofactor. Several transcriptvariants encoding two different isoforms have been found for thisgene. One of the isoforms localizes to mitochondria while the otherlocalizes to endoplasmic reticula.

MSRB3 Antibody (N-term) Blocking peptide - References

Pillas, D., et al. PLoS Genet. 6 (2), E1000856 (2010) :Kwak, G.H., et al. BMB Rep 42(9):580-585(2009)Taungjaruwinai, W.M., et al. Am J Dermatopathol 31(5):427-431(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Fortna, A., et al. PLoS Biol. 2 (7), E207 (2004) :