

ARG42940 anti-MSRB3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MSRB3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MSRB3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-185 of Human MSRB3 (NP_001026849.1).
Conjugation	Un-conjugated
Alternate Names	EC 1.8.4.-; DFNB74; MsrB3; Methionine-R-sulfoxide reductase B3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	~ 22 kDa	

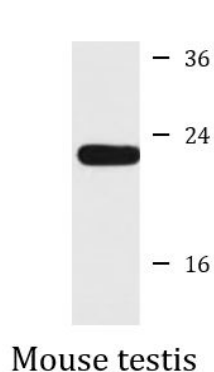
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MSRB3
Gene Full Name	methionine sulfoxide reductase B3
Background	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. [provided by RefSeq, Jul 2010]
Function	Catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine. Isoform 2 is essential for hearing. [UniProt]
Calculated Mw	21 kDa
Cellular Localization	Isoform 1: Endoplasmic reticulum. Isoform 2: Mitochondrion. [UniProt]

Images



ARG42940 anti-MSRB3 antibody WB image

Western blot: 25 µg of Mouse testis lysate stained with ARG42940 anti-MSRB3 antibody at 1:1000 dilution.