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Datasheet for ABIN7159598

anti-MSRB1 antibody (AA 1-116) (Biotin)

Overview

Quantity:	100 µg
Target:	MSRB1 (SEPX1)
Binding Specificity:	AA 1-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSRB1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Methionine-R-sulfoxide reductase B1 protein (1-116AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MSRB1 (SEPX1)
Alternative Name:	MSRB1 (SEPX1 Products)
Background:	Background: Methionine-sulfoxide reductase that specifically reduces methionine (R)-sulfoxide back to methionine. While in many cases, methionine oxidation is the result of random

Target Details

oxidation following oxidative stress, methionine oxidation is also a post-translational modification that takes place on specific residue. Acts as a regulator of actin assembly by reducing methionine (R)-sulfoxide mediated by MICALs (MICAL1, MICAL2 or MICAL3) on actin, thereby promoting filament repolymerization. Plays a role in innate immunity by reducing oxidized actin, leading to actin repolymerization in macrophages (By similarity).

Aliases: Annexin A2 like antibody, EC 1 8 4 antibody, HSPC 270 antibody, HSPC270 antibody, Methionine R sulfoxide reductase antibody, Methionine R sulfoxide reductase B1 antibody, Methionine sulfoxide reductase antibody, Methionine-R-sulfoxide reductase B1 antibody, MGC3344 antibody, MSRB 1 antibody, MsrB1 antibody, MSRB1_HUMAN antibody, OTTHUMP00000159418 antibody, Sel X antibody, Selenoprotein R antibody, Selenoprotein X 1 antibody, Selenoprotein X antibody, Selenoprotein X1 antibody, SELR antibody, SelX antibody, SEPX 1 antibody, sepx1 antibody

UniProt: [Q9NZV6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.