

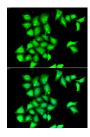
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MSRB1 Polyclonal Antibody

Catalog No. E-AB-61335 Reactivity H,M,R Store at -20°C. Avoid freeze / thaw cycles. **Storage** Host Rabbit **Applications Isotype IgG**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunofluorescence analysis of HeLa cells using MSRB1 Polyclonal Antibody

Immunogen Information

Immunogen Recombinant fusion protein of human MSRB1

(NP_057416.1).

GeneID 51734 **Swissprot** Q9NZV6

Synonyms MSRB1,HSPC270,SELR,SELX,SEPX1,SepR

Product Information

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification **Dilution** IF 1:50-1:100

Background

This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This protein belongs to the methionine sulfoxide reductase (Msr) protein family which includes repair enzymes that reduce oxidized methionine residues in proteins. The protein encoded by this gene is expressed in a variety of adult and fetal tissues and localizes to the cell nucleus and cytosol.