

MSRB1 Rabbit Polyclonal Antibody



CAB6737

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

13kDa

Calculated MW:

12kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

51734

Uniprot

Q9NZV6

Synonyms:

MSRB1; HSPC270; SELR; SELX; SEPX1; SepR

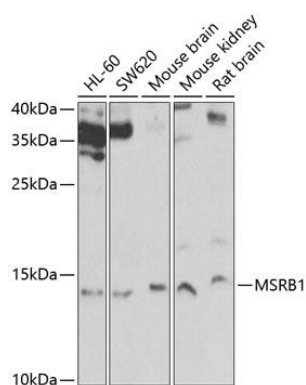
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-94 of human MSRB1 (NP_057416.1).

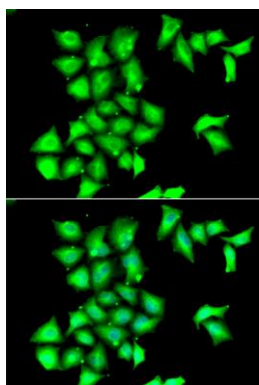
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using MSRB1 Antibody (CAB6737) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using MSRB1 antibody (CAB6737). Blue: DAPI for nuclear staining.