

Product Data Sheet

Anti-MSRB1 Antibody

Catalog #	Source	Reactivity	Applications
CQA5120	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to MSRB1		
Immunogen	Recombinant fusion protein of human MSRB1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MSRB1 protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	MSRB1		
Alternative Names	SEPX1; Methionine-R-sulfoxide reductase B1; MsrB1; Selenoprotein X; SelX		
Entrez Gene	51734 (Human); 27361 (Mouse); 685059 (Rat)		
SwissProt	Q9NZV6 (Human); Q9JLC3 (Mouse); Q52KJ8 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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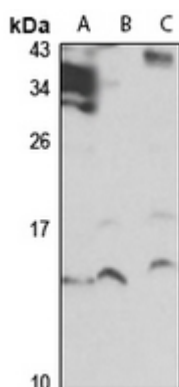
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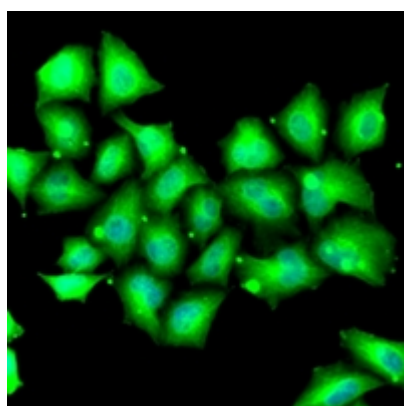
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Western blot analysis of MSRB1 expression in HL60 (A), mouse kidney (B), rat brain (C) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 13 kD)



Immunofluorescent analysis of MSRB1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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