

Anti-MSRA Antibody (N-term)

Catalog Number: A04413-1

About MSRA

MSRA is ubiquitous and highly conserved. This protein carries out the enzymatic reduction of methionine sulfoxide to methionine. Human and animal studies have shown the highest levels of expression in kidney and nervous tissue. The protein's proposed function is the repair of oxidative damage to proteins to restore biological activity.

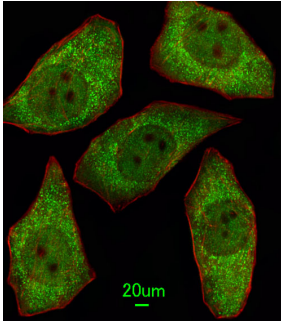
Overview

Product Name	Anti-MSRA Antibody (N-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-MSRA Antibody (N-term) (Catalog # A04413-1). Tested in IF, Flow Cytometry, IHC-P, WB application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UJ68

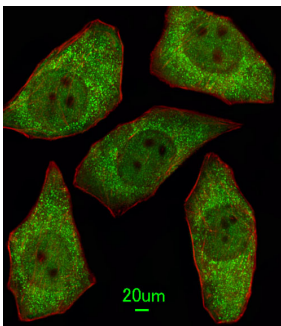
Technical Details

Immunogen	This MSRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from the N-terminal region of human MSRA.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Suggested Dilutions	IF: 1:100 WB: 1:1000 IHC-P: 1:10-1:50 FC: 1:10-1:50

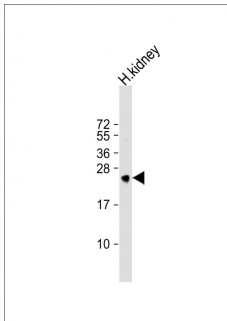
Anti-MSRA Antibody (N-term) (A04413-1) Images



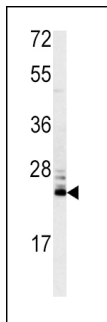
Immunofluorescent analysis of A549 cells, using MSRA Antibody (N-term). A04413-1 was diluted at 1:100 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor® 554 (red) conjugated Phalloidin (red).



Immunofluorescent analysis of A549 cells

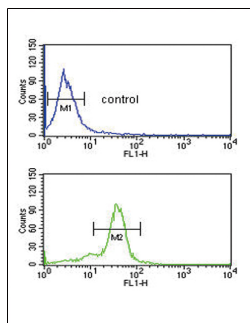
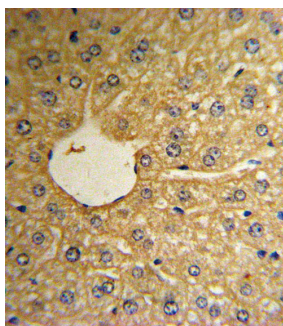


Anti-MSRA Antibody (N-term) at 1:1000 dilution + human kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



Western blot analysis of MSRA antibody (N-term) in mouse kidney tissue lysates (35ug/lane). MSRA (arrow) was detected using the purified Pab.

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with MSRA Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



MSRA Antibody (N-term) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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Anti-MSRA Antibody (N-term)

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