

PACO44448

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Methionine-sulfoxide reductase that specifically reduces methionine (R)-sulfoxide back to methionine. While in many cases, methionine oxidation is the result of random oxidation following oxidative stress, methionine oxidation is also a post-translational modification that takes place on specific residue. Upon oxidative stress, may play a role in the preservation of mitochondrial integrity by decreasing the intracellular reactive oxygen species build-up through its scavenging role, hence contributing to cell survival and protein maintenance.

Gene ID:

MSRB2

Uniprot

Q9Y3D2

Synonyms:

Methionine-R-sulfoxide reductase B2, mitochondrial (MsrB2) (EC 1.8.4.12) (EC 1.8.4.14),
MSRB2, CBS-1 MSRB

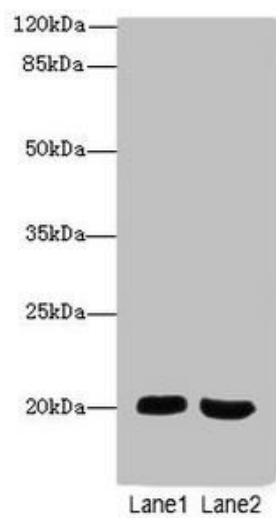
Immunogen:

Recombinant Human Methionine-R-sulfoxide reductase B2, mitochondrial protein (10-182AA).

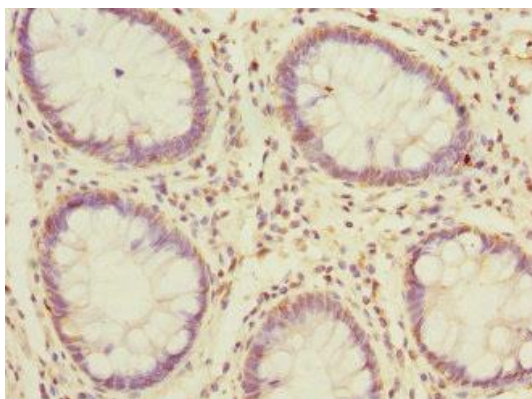
Storage:

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

Product Images



Western blot. All lanes: MSRB2antibody at 2.66 μ g/ml. Lane 1: Mouse heart tissue. Lane 2: Mouse brain tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 20 kDa. Observed band size: 20 kDa.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO44448 at dilution of 1:100.