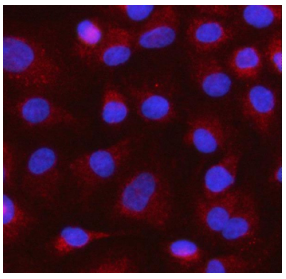
MOCS1 Antibody / Molybdenum cofactor biosynthesis protein 1 (RQ8828)

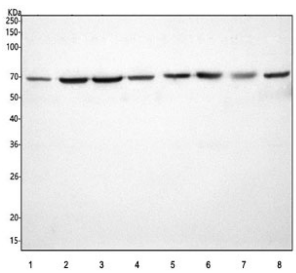
Catalog No.	Formulation	Size
RQ8828	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NZB8
Localization	Cytoplasm, Nucleus
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This MOCS1 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with MOCS1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat, 2) human Caco-2, 3) human HepG2, 4) human K562, 5) rat liver, 6) rat RH-35, 7) mouse liver and 8) mouse HEPA1-6 cell lysate with MOCS1 antibody. Predicted molecular weight ~70 kDa.

Description

Molybdenum cofactor biosynthesis protein 1 is a protein that in humans and other animals, fungi, and cellular slime molds, is encoded by the MOCS1 gene. Molybdenum cofactor biosynthesis is a conserved pathway leading to the biological activation of molybdenum. The protein encoded by this gene is involved in this pathway.

Application Notes

Optimal dilution of the MOCS1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids E52-R584) was used as the immunogen for the MOCS1 antibody.

Storage

After reconstitution, the MOCS1 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.