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Datasheet for ABIN7160141
anti-MOCS2 antibody (AA 1-88)

1 Image

Overview

Quantity:	100 µg
Target:	MOCS2
Binding Specificity:	AA 1-88
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOCS2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Molybdopterin synthase sulfur carrier subunit protein (1-88AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MOCS2
Alternative Name:	MOCS2 (MOCS2 Products)
Background:	Background: Acts as a sulfur carrier required for molybdopterin biosynthesis. Component of the molybdopterin synthase complex that catalyzes the conversion of precursor Z into

Target Details

molybdopterin by mediating the incorporation of 2 sulfur atoms into precursor Z to generate a dithiolene group. In the complex, serves as sulfur donor by being thiocarboxylated (-COSH) at its C-terminus by MOCS3. After interaction with MOCS2B, the sulfur is then transferred to precursor Z to form molybdopterin.

Aliases: MOCS2 antibody, MOCO1 antibody, Molybdopterin synthase sulfur carrier subunit antibody, MOCO1-A antibody, Molybdenum cofactor synthesis protein 2 small subunit antibody, Molybdenum cofactor synthesis protein 2A antibody, MOCS2A antibody, Molybdopterin-synthase small subunit antibody, Sulfur carrier protein MOCS2A antibody

UniProt: [O96033](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

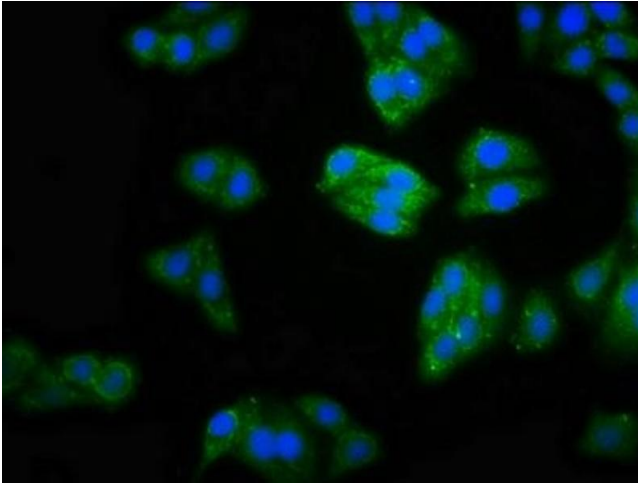
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7160141 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).