

## Anti-MOCOS Antibody

Catalog Number: A09463

### About MOCOS

MOCOS(Molybdenum cofactor sulfurase) is also named as MCS, MOS, hMCS and belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family. It catalyzes the removal of elemental sulfur from cysteine to produce alanine. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form. Defects in MOCOS are the cause of xanthinuria type 2 (XU2)(PMID:17368066).

### Overview

Product Name	Anti-MOCOS Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MOCOS Antibody catalog # A09463. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96EN8

### Technical Details

Immunogen	E.coli-derived human MOCOS recombinant protein (Position: N544-V886).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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Anti-MOCOS Antibody

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