

MOCS2B Rabbit pAb

CatalogNo: YN8412

Key Features

Host Species • Rabbit	Reactivity • Human	Applications WB
MW • 10kD (Calculated)	Isotype • IgG	

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human MOCS2B
Specificity	This antibody detects endogenous levels of MOCS2B at Human

Target Information

Gene name MOCS2 MOCO1

Protein Name

Molybdopterin synthase sulfur carrier subunit (MOCO1-A) (Molybdenum cofactor synthesis protein 2 small subunit) (Molybdenum cofactor synthesis protein 2A) (MOCS2A) (Molybdopterin-synthase small subunit) (Sulfur carrier protein MOCS2A)

Organism	Gene ID	UniProt ID	
Human	<u>4338;</u>	<u>096033;</u>	
Mouse		<u>Q9Z224;</u>	

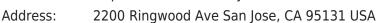
Cellular Cytoplasm, cytosol .

- Localization
- **Tissue specificity** Widely expressed. Highest levels are found in heart and skeletal muscle. Lower levels are present in brain, kidney and pancreas. Very low levels are found in lung and peripheral blood leukocytes.
- FunctionActs as a sulfur carrier required for molybdopterin biosynthesis. Component of the
molybdopterin synthase complex that catalyzes the conversion of precursor Z into
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.

Validation Data

Contact information

Orders:	order.cn@immunoway.com
Support:	support.cn@immunoway.com
Telephone:	400-8787-807(China)
Website:	http://www.immunoway.com.cn





Please scan the QR code to access additional product information: **MOCS2B Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents