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	4338;	O96033;
Mouse		Q9Z224;

Cellular Localization	Cytoplasm, cytosol .
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.
Function	Acts 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

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Please scan the QR code to access additional product information:
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