K10D2.7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	K10D2.7, Polyclonal Antibody
Full Product Name	Rabbit anti-Caenorhabditis elegans K10D2.7 Polyclonal Antibody
Product Gene Name	anti-K10D2.7 antibody
Product Synonym Names	K10D2.7 Antibody; Molybdopterin synthase sulfur carrier subunit; Molybdenum cofactor synthesis protein 2 small subunit; Molybdenum cofactor synthesis protein 2A; MOCS2A; Sulfur carrier protein MOCS2A; K10D2.7
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Caenorhabditis elegans
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	9,595 Da
3D Structure	ModBase 3D Structure for Q09412
Immunogen	Recombinant Caenorhabditis elegans K10D2.7 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-K10D2.7 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-K10D2.7 antibody	MBS7187524 is an antibody targeting K10D2.7. Also known as Rabbit anti-Caenorhabditis elegans K10D2.7 Polyclonal Antibody. Reactive in Caenorhabditis elegans. Host: Rabbit.
Other Notes	Small volumes of anti-K10D2.7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for K10D2.7. It may not necessarily be applicable to this product.

NCBI GI #	17554136
NCBI GeneID	187263
NCBI Accession #	NP_498102.1
UniProt Primary Accession #	Q09412
UniProt Related Accession #	Q09412

GenBank Nucleotide #	NM_065701.4
NCBI Official Full Name	Molybdopterin synthase sulfur carrier subunit
NCBI Official Symbol	K10D2.7
UniProt Protein Name	Molybdopterin synthase sulfur carrier subunit
UniProt Synonym Protein Names	Molybdenum cofactor synthesis protein 2 small subunit
UniProt Gene Name	K10D2.7
UniProt Synonym Gene Names	MOCS2A
NCBI Protein Information	Molybdopterin synthase sulfur carrier subunit
UniProt Comments for K10D2.7	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.
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