

Rabbit anti-Human, Mouse Cyclin M4 Polyclonal Antibody | anti-CNNM4 antibody

Rabbit anti-Cyclin M4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212714	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

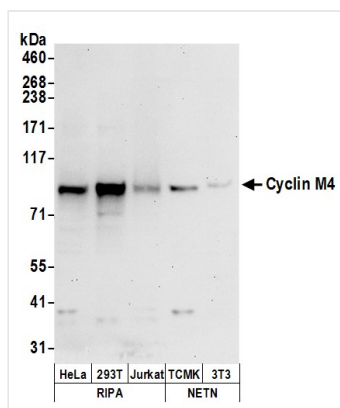
PRODUCT SYNONYMS

Cyclin M4; Polyclonal Antibody; Rabbit anti-Cyclin M4 Antibody; Affinity Purified; ACDP4; ancient conserved domain protein 4; ancient conserved domain-containing protein 4; cyclin-M4; metal transporter CNNM4; Metal transporter CNNM4; cyclin and CBS domain divalent metal cation transport mediator 4; anti-CNNM4 antibody

PRODUCT SPECIFICATIONS

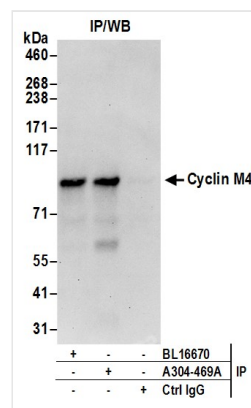
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CNNM4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 725 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Cyclin M4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN and RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Cyclin M4 antibody AAA212714 (lot AAA212714-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Cyclin M4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Cyclin M4 antibody AAA212714 (lot AAA212714-1) used for IP at 6 ug per reaction. Cyclin M4 was also immunoprecipitated by rabbit anti-Cyclin M4 antibody BL16670. For blotting immunoprecipitated Cyclin M4, AAA212714 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CNNM4 antibody	Cyclin M4 is a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. Cyclin M4 may play a role in metal ion transport [taken from NCBI Entrez Gene (Gene ID: 26504)].
Product Categories/Family for anti-CNNM4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	94681046
NCBI GeneID	26504
NCBI Accession #	NP_064569.3
NCBI GenBank Nucleotide #	NM_020184.3
UniProt Accession #	Q6P4Q7; Q53RE5; Q9H9G3; Q9HCI0; Q9NRN1; B7Z1U0; C7SQM3; C7SQM4; C7SQM5
Molecular Weight	86,607 Da
NCBI Official Full Name	metal transporter CNNM4
NCBI Official Synonym Full Names	cyclin and CBS domain divalent metal cation transport mediator 4
NCBI Official Symbol	CNNM4
NCBI Official Synonym Symbols	ACDP4
NCBI Protein Information	metal transporter CNNM4; cyclin M4; cyclin-M4; ancient conserved domain protein 4; ancient conserved domain-containing protein 4
UniProt Protein Name	Metal transporter CNNM4
UniProt Gene Name	CNNM4
UniProt Synonym Gene Names	ACDP4; KIAA1592
UniProt Entry Name	CNNM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.