

Rabbit anti-Human CNNM4 Polyclonal Antibody | anti-CNNM4 antibody

CNNM4 Antibody (Center)

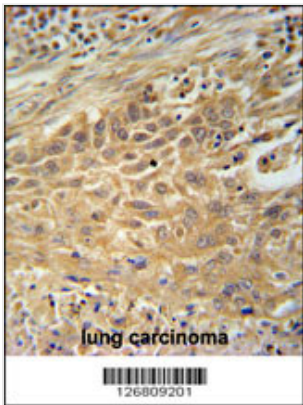
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284247	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

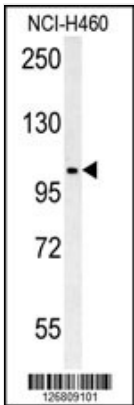
CNNM4; Polyclonal Antibody; CNNM4 Antibody (Center); Metal transporter CNNM4; Ancient conserved domain-containing protein 4; Cyclin-M4; ACDP4; KIAA1592; anti-CNNM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNNM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 565-593 amino acids from the Central region of human CNNM4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	565-593
Sequence Length	263
Applicable Applications for anti-CNNM4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CNNM4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CNNM4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CNNM4 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CNNM4 antibody detected the CNNM4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNNM4 antibody	This gene encodes 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. The encoded protein may play a role in metal ion transport. Mutations in this gene are associated with Jalili syndrome which consists of cone-rod dystrophy and amelogenesis imperfecta. [provided by RefSeq].
Product Categories/Family for anti-CNNM4 antibody	Metabolism; Neuroscience; Signal Transduction
References	Polok, B., et al. Am. J. Hum. Genet. 84(2):259-265(2009) Parry, D.A., et al. Am. J. Hum. Genet. 84(2):266-273(2009) Guo, D., et al. Mol Pain 1, 15 (2005) : Michaelides, M., et al. J. Med. Genet. 41(6):468-473(2004) Wang, C.Y., et al. Gene 306, 37-44 (2003) : Downey, L.M., et al. Eur. J. Hum. Genet. 10(12):865-869(2002) Jalili, I.K., et al. J. Med. Genet. 25(11):738-740(1988)

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	86607
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cnnm4-antibody-immunohistochemistry-western-blot-elisa/284247>