

Rabbit anti-Human CNNM2 Polyclonal Antibody | anti-CNNM2 antibody

CNNM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234885	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

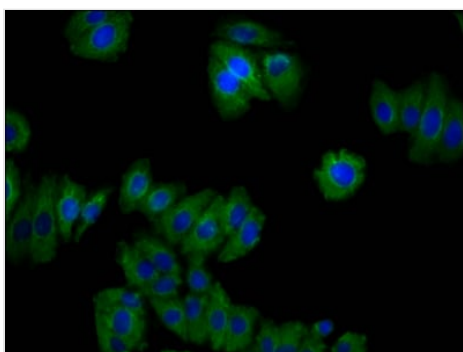
PRODUCT SYNONYMS

CNNM2; Polyclonal Antibody; CNNM2 Antibody; Metal transporter CNNM2; Ancient conserved domain-containing protein 2; Cyclin-M2; ACDP2; anti-CNNM2 antibody

PRODUCT SPECIFICATIONS

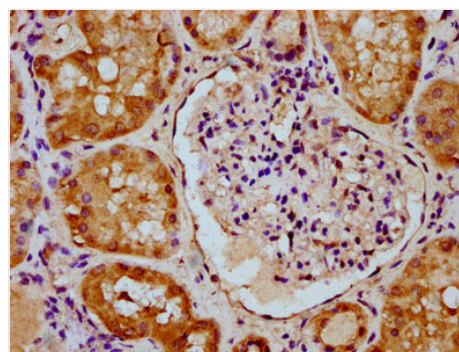
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	875
Applicable Applications for anti-CNNM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Metal transporter CNNM2 protein (739-875AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234885 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234885 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CNNM2 antibody	Divalent metal cation transporter. Mediates transport of divalent metal cations in an order of Mg(2+) > Co(2+) > Mn(2+) > Sr(2+) > Ba(2+) > Cu(2+) > Fe(2+) (By similarity).
Product Categories/Family for anti-CNNM2 antibody	Epigenetics and Nuclear Signaling; Cancer; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	40068053
NCBI GeneID	54805
NCBI Accession #	NP_060119.3
NCBI GenBank Nucleotide #	NM_017649.4
UniProt Accession #	Q9H8M5; Q5T569; Q5T570; Q8WU59; Q9H952; Q9NRK5; Q9NXT4
Molecular Weight	60,487 Da
NCBI Official Full Name	metal transporter CNNM2 isoform 1
NCBI Official Synonym Full Names	cyclin and CBS domain divalent metal cation transport mediator 2
NCBI Official Symbol	CNNM2
NCBI Official Synonym Symbols	ACDP2; HOMG6; HOMGSMR
NCBI Protein Information	metal transporter CNNM2
UniProt Protein Name	Metal transporter CNNM2
UniProt Gene Name	CNNM2
UniProt Synonym Gene Names	ACDP2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cnnm2-antibody-immunofluorescence-immunohistochemistry-elisa/234885>