

Rabbit anti-Human MCG10 Polyclonal Antibody | anti-MCG10 antibody

MCG10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301922	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

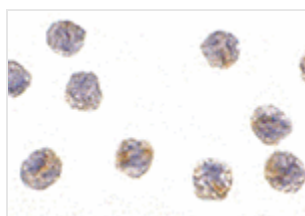
PRODUCT SYNONYMS

MCG10; Polyclonal Antibody; MCG10 Antibody; Poly (rC) binding protein 4; pcbp4; alpha-CP4; anti-MCG10 antibody

PRODUCT SPECIFICATIONS

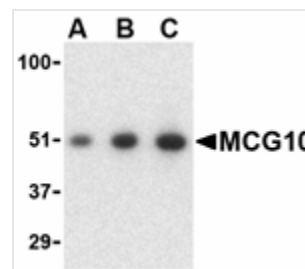
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	360
Applicable Applications for anti-MCG10 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the carboxy terminus of human MCG10.
Target Name	MCG10
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of MCG10 in HeLa cells with MCG10 antibody at 1 ug/mL.



WB (Western Blot)

Western blot analysis of MCG10 in HeLa cell lysate with MCG10 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MCG10 antibody	MCG10 is a member of the KH-domain RNA-binding protein family. Proteins of this family also referred to as alpha-CPs, bind to RNA with specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. MCG10 is induced by p53 and DNA damage via two p53-responsive promoter elements. Its overexpression in transfected cells results in the suppression of cell proliferation by inducing apoptosis and cell cycle arrest in G2-M. Decreased expression of one isoform of MCG10 has been observed in many forms of lung cancer, leading to speculation that MCG10 can act as a tumor suppressor. Multiple alternatively spliced isoforms of MCG10 have been identified.
Product Categories/Family for anti-MCG10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119585570
NCBI GeneID	57060
Molecular Weight	37,078 Da
NCBI Official Full Name	poly(rC) binding protein 4, isoform CRA_b
NCBI Official Synonym Full Names	poly(rC) binding protein 4
NCBI Official Symbol	PCBP4
NCBI Official Synonym Symbols	CBP; LIP4; MCG10
NCBI Protein Information	poly(rC)-binding protein 4
UniProt Protein Name	Poly(rC)-binding protein 4
UniProt Gene Name	PCBP4
UniProt Entry Name	PCBP4_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://stage.aaabiotech.com/polyclonal/mcg10-antibody-immunocytochemistry-western-blot-elisa/301922>