

Rabbit anti-Mouse CDCP1 Polyclonal Antibody | anti-CDCP1 antibody

Anti-CDCP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257256	Rabbit	Mouse	Immunohistochemistry, ELISA

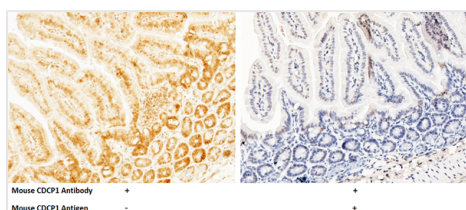
PRODUCT SYNONYMS

CDCP1; Polyclonal Antibody; Anti-CDCP1 Antibody; Rabbit Polyclonal; CDCP1 Antibody; Rabbit PAb; Antigen Affinity Purified; CUB domain containing protein 1; Anti-9030022E12Rik Antibody; Anti-AA409659 Antibody; Anti-E030027H19Rik Antibody; anti-CDCP1 antibody

PRODUCT SPECIFICATIONS

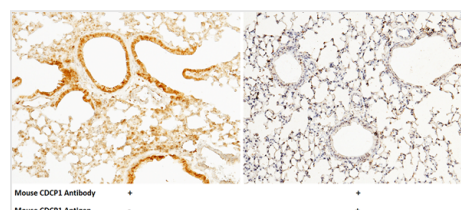
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CDCP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CDCP1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CDCP1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CDCP1 (rM CDCP1). CDCP1 specific IgG was purified by Mouse CDCP1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CDCP1 in mouse intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



IHC (Immunohistochemistry)

Immunochemical staining of mouse CDCP1 in mouse lung with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

ADDITIONAL INFORMATION

Related Product Information for anti-CDCP1 antibody	CDCP1 contains three extracellular CUB domains. It is a putative stem cell marker that is highly expressed in some human cancer cells and both, typical and atypical (cancerous) colons. It interacts with CDH2/N-cadherin, CDH3/P-cadherin, SDC1/syndecan-1, SDC4/syndecan-4 and the serine protease ST14/MT-SP1. It also interacts with SRC and PRKCG/protein kinase C gamma. CDCP1 is taken as a key regulator of EGF/EGFR-induced cell migration. It has been shown that signaling via EGF/EGFR induces migration of ovarian cancer Caov3 and OVCA420 cells with concomitant up-regulation of CDCP1 mRNA and protein. Consistent with a role in cell migration CDCP1 relocates from cell-cell junctions to punctate structures on filopodia after activation of EGFR. It may be involved in cell adhesion and cell matrix association. It also may play a role in the regulation of anchorage versus migration or proliferation versus differentiation via its phosphorylation. It has been taken as a novel marker for leukemia identification and immature hematopoietic stem cell subsets.
References	Conze T, et al.. (2003) CDCP1 is a novel marker for hematopoietic stem cells. Ann N Y Acad Sci. 996 (1): 222-6. Hooper JD, et al. (2003) Subtractive immunization using highly metastatic human tumor cells identifies SIMA135/CDCP1, a 135 kDa cell surface phosphorylated glycoprotein antigen. Oncogene. 22(12): 1783-94. Scherl-Mostageer M, et al. (2001) Identification of a novel gene, CDCP1, overexpressed in human colorectal cancer. Oncogene. 20(32):4402-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61098143
NCBI GeneID	109332
NCBI Accession #	NP_598735.2
NCBI GenBank Nucleotide #	NM_133974.3
UniProt Accession #	Q5U462; Q810J0; Q921M9
Molecular Weight	92,726 Da
NCBI Official Full Name	CUB domain-containing protein 1
NCBI Official Synonym Full Names	CUB domain containing protein 1
NCBI Official Symbol	Cdcp1
NCBI Official Synonym Symbols	AA409659; 9030022E12Rik; E030027H19Rik
NCBI Protein Information	CUB domain-containing protein 1; membrane glycoprotein gp140; transmembrane and associated with src kinases
UniProt Protein Name	CUB domain-containing protein 1
UniProt Gene Name	Cdcp1
UniProt Entry Name	CDCP1_MOUSE

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/cdcp1-antibody-immunohistochemistry-elisa/257256>