

Rabbit anti-Human, Rat CPD Polyclonal Antibody | anti-CPD antibody

CPD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327902	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

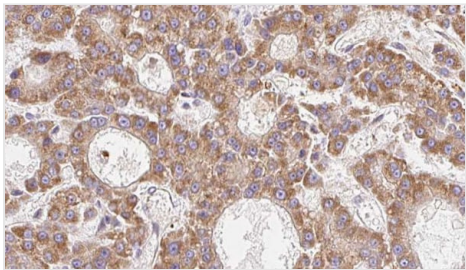
PRODUCT SYNONYMS

CPD; Polyclonal Antibody; CPD Antibody; Carboxypeptidase D; CBPD_HUMAN; Cpd; gp180; Metalloprotease; Metalloprotease D; anti-CPD antibody

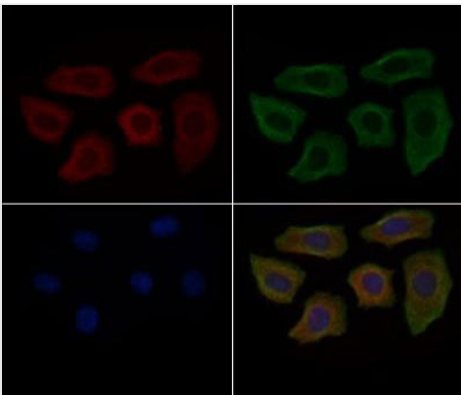
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CPD antibody detects endogenous levels of total CPD
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1133
Applicable Applications for anti-CPD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CPD, corresponding to a region within N-terminal amino acids.
Conjugation	Unconjugated
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

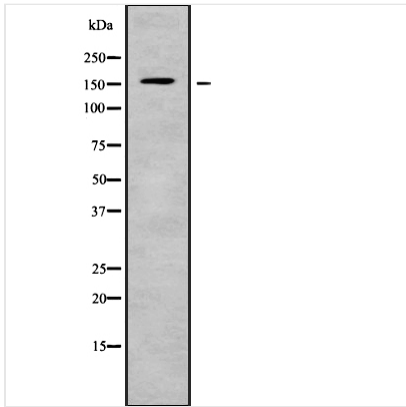
IMAGES



IHC (Immunohistochemisry)
AAA327902 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA327902 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327902 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.The nuclear counter stain is DAPI(blue).



WB (Western Blot)
Western blot analysis of CPD using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CPD antibody	Function: Releases C-terminal Arg and Lys from polypeptides. Similarity: There are 3 carboxypeptidase-like domains. Only the first two domains seem to have kept a catalytic activity. Belongs to the peptidase M14 family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	315138990
NCBI GeneID	1362
NCBI Accession #	NP_001186704.1
NCBI GenBank Nucleotide #	NM_001199775.1
UniProt Accession #	O75976; O15377; Q86SH9; Q86XE6; B7Z7T9; B7ZAU4; F5GZH6
Molecular Weight	153 kDa
NCBI Official Full Name	carboxypeptidase D isoform 2
NCBI Official Synonym Full Names	carboxypeptidase D
NCBI Official Symbol	CPD

NCBI Official Synonym Symbols	GP180
NCBI Protein Information	carboxypeptidase D
UniProt Protein Name	Carboxypeptidase D
UniProt Gene Name	CPD

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://stage.aaabiotech.com/polyclonal/cpd-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/327902>