

Rabbit anti-Human, Mouse Carboxypeptidase A1 Polyclonal Antibody | anti-CPA1 antibody

Carboxypeptidase A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325448	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

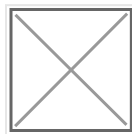
PRODUCT SYNONYMS

Carboxypeptidase A1; Polyclonal Antibody; Carboxypeptidase A1 Antibody; carboxypeptidase A1 (pancreatic); Carboxypeptidase A1 precursor; CBPA1_HUMAN; CPA; CPA1; Pancreatic carboxypeptidase A1; Procarboxypeptidase A1 pancreatic; anti-CPA1 antibody

PRODUCT SPECIFICATIONS

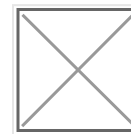
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Carboxypeptidase A1 antibody detects endogenous levels of total Carboxypeptidase A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-CPA1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Carboxypeptidase A, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using CARBOXYPEPTIDASE A1 antibody.



IF (Immunofluorescence)

AAA325448 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA325448 at 1/100 staining Human uterus 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502997
NCBI GeneID	1357
NCBI Accession #	NP_001859.1
NCBI GenBank Nucleotide #	NM_001868.3
UniProt Accession #	P15085; Q53XU0; Q9BS67; Q9UCF2; A4D1M1
Molecular Weight	47 KD
NCBI Official Full Name	carboxypeptidase A1 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase A1
NCBI Official Symbol	CPA1
NCBI Official Synonym Symbols	CPA
NCBI Protein Information	carboxypeptidase A1
UniProt Protein Name	Carboxypeptidase A1
UniProt Gene Name	CPA1
UniProt Synonym Gene Names	CPA

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/carboxypeptidase-a1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325448>