

Rabbit anti-Human CNDP1 Polyclonal Antibody | anti-CNDP1 antibody

CNDP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284983	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

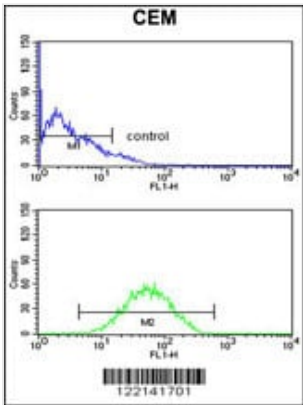
PRODUCT SYNONYMS

CNDP1; Polyclonal Antibody; CNDP1 Antibody (C-term); Beta-Ala-His dipeptidase; CNDP dipeptidase 1; Carnosine dipeptidase 1; Glutamate carboxypeptidase-like protein 2; Serum carnosinase; CN1; CPGL2; anti-CNDP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNDP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 415-443 amino acids from the C-terminal region of human CNDP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	415-443
Sequence Length	507
Applicable Applications for anti-CNDP1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

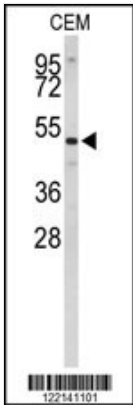
IMAGES



FCM/FACS (Flow Cytometry)
CNDP1 Antibody (C-term) flow cytometry analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with CNDP1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CNDP1 Antibody (C-term) in CEM cell line lysates (35ug/lane). CNDP1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CNDP1 antibody	CNDP1 encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This protein contains trinucleotide (CTG) repeat length polymorphism in the coding region.
Product Categories/Family for anti-CNDP1 antibody	Cancer; Signal Transduction
References	Craig,D.W., et.al., Diabet. Med. 26 (11), 1090-1098 (2009) Mooyaart,A.L., et.al., Diabetes Res. Clin. Pract. 85 (3), 272-278 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071039
NCBI GeneID	84735
NCBI Accession #	NP_116038.4
NCBI GenBank Nucleotide #	NM_032649.5
UniProt Accession #	Q96KN2; Q14D40; Q17S05; Q2TBG0; Q6UWK2; Q9BT98
Molecular Weight	56706

NCBI Official Full Name	beta-Ala-His dipeptidase
NCBI Official Synonym Full Names	carnosine dipeptidase 1 (metallopeptidase M20 family)
NCBI Official Symbol	CNDP1
NCBI Official Synonym Symbols	CN1; CPGL2; HsT2308
NCBI Protein Information	beta-Ala-His dipeptidase
UniProt Protein Name	Beta-Ala-His dipeptidase
UniProt Gene Name	CNDP1
UniProt Synonym Gene Names	CN1; CPGL2
UniProt Entry Name	CNDP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cndp1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284983>