

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

CPZ Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285951	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

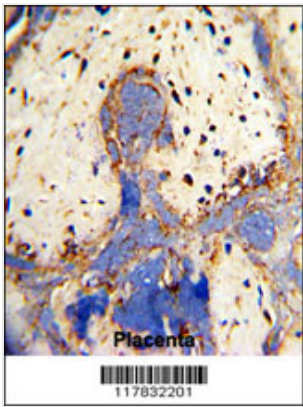
PRODUCT SYNONYMS

CPZ; Polyclonal Antibody; CPZ Antibody (N-term); Carboxypeptidase Z; 3417-; anti-CPZ antibody

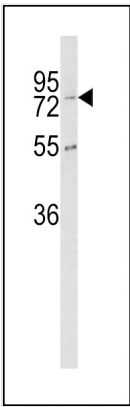
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CPZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-172 amino acids from the N-terminal region of human CPZ.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	143-172
Sequence Length	652
Applicable Applications for anti-CPZ antibody	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



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human placenta with CPZ Antibody (N-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 CPZ Antibody (N-term) in K562 cell line lysates (35ug/lane). CPZ (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CPZ antibody	CPZ is a member of the metallocarboxypeptidase family. This enzyme displays carboxypeptidase activity towards substrates with basic C-terminal residues. It is most active at neutral pH and is inhibited by active site-directed inhibitors of metallocarboxypeptidases.
Product Categories/Family for anti-CPZ antibody	Cell Biology; Signal transduction
References	Fan,X., J. Histochem. Cytochem. 50 (11), 1509-1516 (2002) Reznik,S.E., Cell. Mol. Life Sci. 58 (12-13), 1790-1804 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62388877
NCBI GeneID	8532
NCBI Accession #	NP_001014447.1; NP_001014448.1; NP_003643.2
NCBI GenBank Nucleotide #	NM_001014447.2
UniProt Accession #	Q66K79; O00520; Q96MX2
Molecular Weight	73655
NCBI Official Full Name	carboxypeptidase Z isoform 1
NCBI Official Synonym Full Names	carboxypeptidase Z
NCBI Official Symbol	CPZ
NCBI Protein Information	carboxypeptidase Z
UniProt Protein Name	Carboxypeptidase Z
UniProt Gene Name	CPZ
UniProt Synonym Gene Names	CPZ
UniProt Entry Name	CBPZ_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.

