



CPZ rabbit pAb

Cat No.:ES7810

For research use only

Overview

Product Name	CPZ rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from CPZ . at AA range: 330-410
Specificity	CPZ Polyclonal Antibody detects endogenous levels of CPZ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Carboxypeptidase Z
Gene Name	CPZ
Cellular localization	Secreted, extracellular space, extracellular matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	73kD
Human Gene ID	8532
Human Swiss-Prot Number	Q66K79
Alternative Names	CPZ; Carboxypeptidase Z; CPZ
Background	carboxypeptidase Z(CPZ) Homo sapiens This gene encodes 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. Alternative splicing in the coding region results in



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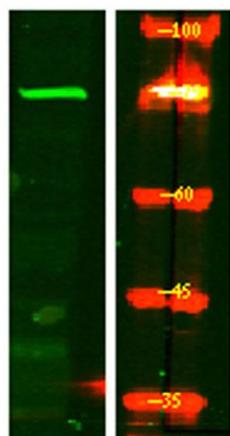
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multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000



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