

# CPZ rabbit pAb

Cat No.:ES7810

For research use only

## Overview

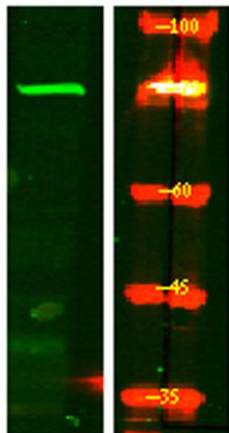
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|--------------------------|--|
| Product Name             | CPZ rabbit pAb   |
| Host species             | Rabbit   |
| Applications             | WB;ELISA   |
| Species Cross-Reactivity | Human;Rat  |
| Recommended dilutions    | Western Blot: 1/500 - 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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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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