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# Datasheet for ABIN452870 anti-CPZ antibody (N-Term)

2 Images



#### Overview

Quantity:	0.4 mL
Target:	CPZ
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPZ antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human CPZ
Specificity:	This antibody detects CPZ at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

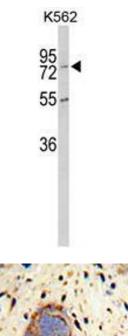
### Target Details

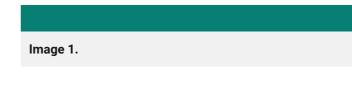
Target:	CPZ
Alternative Name:	Carboxypeptidase Z (CPZ Products)
Background:	CPZ is a member of the metallocarboxypeptidase family. This enzyme displays

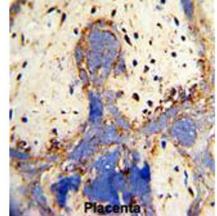
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Target Details	
	carboxypeptidase activity towards substrates with basic C-terminal residues. It is most active at neutral pH and is inhibited by active site-directed inhibitors of metallocarboxypeptidases.Synonyms: CPZ
Molecular Weight:	73627 Da
Gene ID:	8532
NCBI Accession:	NP_001014447
UniProt:	Q66K79
Application Details	
Application Notes:	<ul> <li>Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. Immunohistochemistry on paraffin sections: 1: 50 - 1: 100.</li> <li>Other applications not tested.</li> <li>Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul>
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

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