

For Research Use Only

# CPZ Polyclonal antibody

Catalog Number: 15944-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15944-1-AP	<b>GenBank Accession Number:</b> BC006393	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 220 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8532	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> carboxypeptidase Z	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 652 aa, 74 kDa	
<b>Immunogen Catalog Number:</b> AG8429	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human placenta tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Wei qi Kong	37124627	Front Genet	WB

## Storage

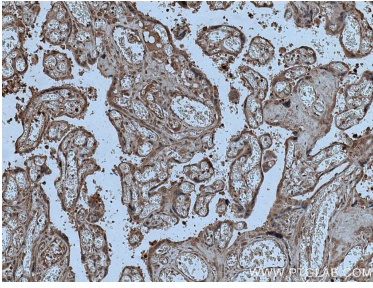
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

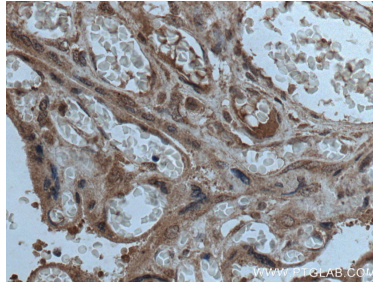
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 15944-1-AP (CPZ antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 15944-1-AP (CPZ antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).