

## CBPD Rabbit pAb

CatalogNo: YN0556

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat

#### Applications

- WB,ELISA

#### MW

- 151kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from part region of human protein

**Specificity** CBPD Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** CPD

<b>Protein Name</b>	Carboxypeptidase D (Metallo-carboxypeptidase D) (gp180)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">1362;</a>	<a href="#">O75976;</a>
	Mouse		<a href="#">O89001;</a>
	Rat		<a href="#">Q9JHW1;</a>
<b>Cellular Localization</b>	Cell membrane ; Single-pass type I membrane protein .		
<b>Tissue specificity</b>	Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines.		
<b>Function</b>	Catalytic activity:Releases C-terminal Arg and Lys from polypeptides.,cofactor:Binds 2 zinc ions per subunit.,Domain:There are 3 carboxypeptidase-like domains. Only the first two domains seem to have kept a catalytic activity.,similarity:Belongs to the peptidase M14 family.,tissue specificity:Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines.,		

| Validation Data

| Contact information

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