

CBPD Rabbit pAb

CatalogNo: YN0556

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 151kD (Observed)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:1187-1287

Specificity CBPD Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CPD

Protein Name Carboxypeptidase D (Metalloprotease D) (gp180)

Organism	Gene ID	UniProt ID
Human	1362;	O75976;
Mouse		O89001;
Rat		Q9JHW1;

Cellular Localization Cell membrane ; Single-pass type I membrane protein .

Tissue specificity Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines.

Function 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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CBPD Rabbit pAb

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