



CBPD Polyclonal Antibody

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| Catalog No | BYab-05430 |
| Isotype | IgG |
| Reactivity | Human;Rat |
| Applications | WB;ELISA |
| Gene Name | CPD |
| Protein Name | Carboxypeptidase D (EC 3.4.17.22) (Metallo-carboxypeptidase D) (gp180) |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | CBPD Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 151kD |
| Cell Pathway | 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., |
| Background | carboxypeptidase D(CPD) Homo sapiens The metallo-carboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D has been identified as a regulatory B-type |

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carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images