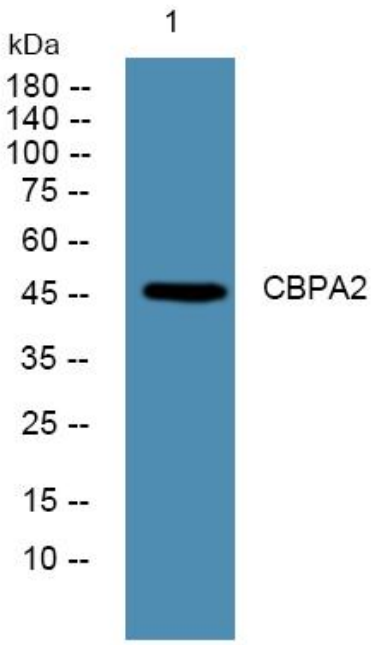
# CBPA2 Polyclonal Antibody

| | |
|---|---|
| **Catalog No** | YP-Ab-06920 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse |
| **Applications** | WB;ELISA |
| **Gene Name** | CPA2 |
| **Protein Name** | Carboxypeptidase A2 (EC 3.4.17.15) |
| **Immunogen** | Synthesized peptide derived from part region of human protein |
| **Specificity** | CBPA2 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** | 46kD |
| **Cell Pathway** | Secreted. |
| **Tissue Specificity** | Brain,Pancreas, |
| **Function** | catalytic activity:Similar to that of carboxypeptidase A (EC 3.4.17.1), but with a preference for bulkier C-terminal residues.,cofactor:Binds 1 zinc ion per subunit.,similarity:Belongs to the peptidase M14 family., |
| **Background** | Three different forms of human pancreatic procarboxypeptidase A have been isolated. The encoded protein represents the A2 form, which is a monomeric protein with different biochemical properties from the A1 and A3 forms. The A2 form of pancreatic procarboxypeptidase acts on aromatic C-terminal residues and is a secreted protein. [provided by RefSeq, Dec 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




Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night