



# CBPA2 Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Catalog No</b>                | BYab-23119                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                | Human;Rat;Mouse                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>                 | CPA2                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>              | Carboxypeptidase A2 (EC 3.4.17.15)                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                 | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>               | CBPA2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                      |
| <b>Dilution</b>                  | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>             | 46kD                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>              | Secreted.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>        | Brain,Pancreas,                                                                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>                  | 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.,                                                                                                                                                     |
| <b>Background</b>                | 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], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                       |

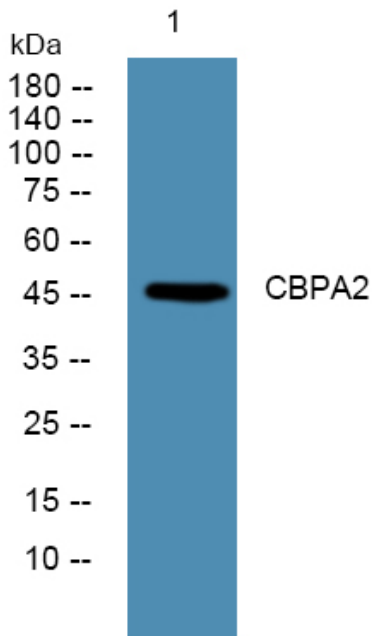
**Nanjing BYabscience technology Co.,Ltd**



### 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