

## CPB2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:100 - 1:200

**Calculated MW:** 48kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human CPB2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CPU; PCPB; TAFI;

**Catalog #:** A5634

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1361

**Isotype:** IgG

**Swiss Prot:** Q96IY4

**Purity:** Affinity purification

For research use only.

**Background:**

Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Alternate splicing results in multiple transcript variants.

**To place an order, please [Click HERE](#).**