

## CPA5

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IF

**Recommended Dilution:**WB 1:500 - 1:2000 IF 1:20 - 1:100

**Calculated MW:**49kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human CPA5

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A5100

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**93979

**Isotype:**IgG

**Swiss Prot:**Q8WXQ8

**Purity:**Affinity purification

For research use only.

**Background:**

Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA5, contain an approximately 90-amino acid pro region that assists in the folding of the active carboxypeptidase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002)

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