

**CPM Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11458c**

**Specification**

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**CPM Antibody (Center) Blocking peptide - Product Information**

Primary Accession [P14384](#)

**CPM Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 1368

**Other Names**

Carboxypeptidase M, CPM, CPM

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CPM Antibody (Center) Blocking peptide - Protein Information**

**Name** CPM

**Function**

Specifically removes C-terminal basic residues (Arg or Lys) from peptides and proteins. It is believed to play important roles in the control of peptide hormone and growth factor activity at the cell surface, and in the membrane-localized degradation of extracellular proteins.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor

**CPM Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**CPM Antibody (Center) Blocking peptide - Images**

**CPM Antibody (Center) Blocking peptide - Background**

The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq].

#### **CPM Antibody (Center) Blocking peptide - References**

Rietschel, M., et al. Biol. Psychiatry 68(6):578-585(2010) Erickson-Johnson, M.R., et al. Mod. Pathol. 22(12):1541-1547(2009) Marquez-Curtis, L., et al. Stem Cells 26(5):1211-1220(2008) Zhang, X., et al. J. Biol. Chem. 283(12):7994-8004(2008) Elortza, F., et al. J. Proteome Res. 5(4):935-943(2006)