

## Rabbit anti-Human CPM/Carboxypeptidase M Polyclonal Antibody | anti-CPM antibody

Anti-CPM/Carboxypeptidase M Antibody (aa212-241)

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA162430</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

CPM/Carboxypeptidase M; Polyclonal Antibody; Anti-CPM/Carboxypeptidase M Antibody (aa212-241); Rabbit Polyclonal (IgG) to Human CPM/Carboxypeptidase M; CPM; Carboxypeptidase M; Renal carboxypeptidase; Urinary carboxypeptidase B; anti-CPM antibody

### PRODUCT SPECIFICATIONS

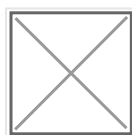
|                                               |                                                                                                                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                          |
| Reactivity                                    | Human                                                                                                                                                           |
| Clonality                                     | Polyclonal                                                                                                                                                      |
| Specificity                                   | This CPM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-241 amino acids from the Central region of human CPM. |
| Purity/Purification                           | Protein A purified                                                                                                                                              |
| Form/Format                                   | PBS, 0.09% sodium azide                                                                                                                                         |
| Sequence Length                               | 443                                                                                                                                                             |
| Applicable Applications for anti-CPM antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                   |
| Conjugation                                   | Unconjugated                                                                                                                                                    |
| Epitope                                       | aa212-241                                                                                                                                                       |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 6 months.<br>For long term storage store at -20 degree C.                                                       |

### IMAGES



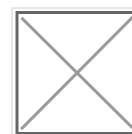
#### WB (Western Blot)

Western blot of lysates from U-251 MG, 293T cell line (from left to right), using CPM Antibody. Antibody was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



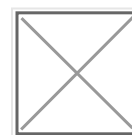
#### IHC (Immunohistochemistry)

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### WB (Western Blot)

Western blot of lysate from human kidney tissue lysate, using CPM Antibody. Antibody was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



#### IHC (Immunohistochemistry)

Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CPM antibody | Carboxypeptidase M is a membrane-bound arginine/lysinecarboxypeptidase. Its expression is associated with monocyte tomacrophage differentiation. the protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linkedglycosylation sites. the active site residues of carboxypeptidases A and B are conserved in carboxypeptidase M. |
| Product Categories/Family for anti-CPM antibody   | Exopeptidase; Metallopeptidase M14                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 6631081                |
| NCBI GeneID                      | 1368                   |
| NCBI Accession #                 | NP_001865.1            |
| NCBI GenBank Nucleotide #        | NM_001874.4            |
| UniProt Accession #              | P14384; Q9H2K9; B2R800 |
| Molecular Weight                 | 50,514 Da              |
| NCBI Official Full Name          | carboxypeptidase M     |
| NCBI Official Synonym Full Names | carboxypeptidase M     |
| NCBI Official Symbol             | CPM                    |
| NCBI Protein Information         | carboxypeptidase M     |
| UniProt Protein Name             | Carboxypeptidase M     |
| UniProt Gene Name                | CPM                    |
| UniProt Synonym Gene Names       | CPM                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpm-carboxypeptidase-m-antibody-western-blot-immunohistochemistry-elisa/162430>