

# Human Carboxypeptidase X1/CPXM1 Antibody

Antigen Affinity-purified Polyclonal Goat IgG  
Catalog Number: AF2919

## DESCRIPTION

|                           |                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                                                                                         |
| <b>Specificity</b>        | Detects human Carboxypeptidase X1/CPXM1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 20% cross-reactivity with recombinant mouse CPXM is observed.                   |
| <b>Source</b>             | Polyclonal Goat IgG                                                                                                                                                                                           |
| <b>Purification</b>       | Antigen Affinity-purified                                                                                                                                                                                     |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant human Carboxypeptidase X1/CPXM1<br>Ala21-Asp734<br>Accession # Q96SM3                                                                                         |
| <b>Formulation</b>        | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.<br>*Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

|                            | <b>Recommended Concentration</b> | <b>Sample</b>                                                                                                                                                |
|----------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blot</b>        | 0.1 µg/mL                        | Recombinant Human Carboxypeptidase X1/CPXM1                                                                                                                  |
| <b>Immunoprecipitation</b> | 25 µg/mL                         | Conditioned cell culture medium spiked with Recombinant Human Carboxypeptidase X1/CPXM1, <a href="#">see our available Western blot detection antibodies</a> |

## PREPARATION AND STORAGE

|                                |                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>          | Reconstitute at 0.2 mg/mL in sterile PBS.                                                                                                                                                                                                                                                                                                          |
| <b>Shipping</b>                | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.<br>*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C                                                                                                                 |
| <b>Stability &amp; Storage</b> | <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul> |