

# Product Datasheet

## **CMP kinase Antibody - BSA Free** **NBP3-38287-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-38287-100ul**

CMP kinase Antibody - BSA Free

**Product Information**

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                      |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>               | Polyclonal                                                                                  |
| <b>Preservative</b>            | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>                 | IgG                                                                                         |
| <b>Purity</b>                  | Affinity purified                                                                           |
| <b>Buffer</b>                  | PBS (pH 7.3), 50% glycerol                                                                  |
| <b>Target Molecular Weight</b> | 22 kDa                                                                                      |

**Product Description**

|                    |                                                                                                                                                                                                                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit CMP kinase Antibody - BSA Free (NBP3-38287) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                     |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                               |
| <b>Gene ID</b>     | 51727                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b> | CMPK1                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>     | Human, Mouse                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>   | Recombinant fusion protein containing a sequence corresponding to amino acids 69-228 of human CMP kinase (NP_057392.1).<br><br>Sequence:<br>LLRDERKNPDSQYGELIEKYIKEGKIVPVEITISLLKREMDQTMAANAQKNKFLID<br>GFPRNQDNLQGWNKTMDGKADVSVLFFDCNNEICIERCLERGGKSSGRSDDN<br>RESLEKRIQTYLQSTKPIIDLIEEMGKVKKIDASKSVDEVFDEVVQIFDKEG |

**Product Application Details**

|                              |                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                            |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5ug - 4ug antibody for 200ug - 400ug extracts of whole cells |



## Images

Western Blot: CMP kinase Antibody [NBP3-38287] - Western blot analysis of various lysates using CMP kinase Rabbit pAb at 1:1000 dilution.

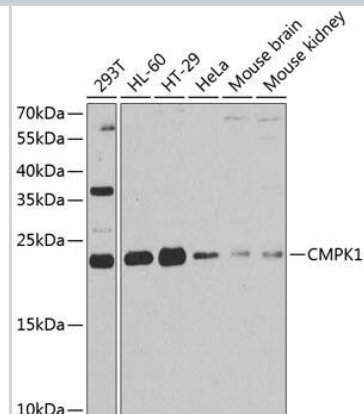
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

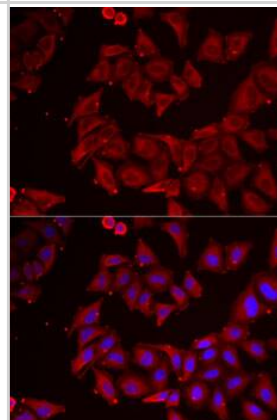
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

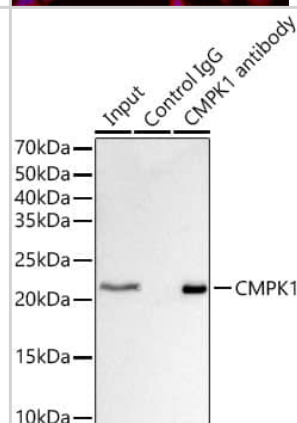
Exposure time: 90s.



Immunocytochemistry/ Immunofluorescence: CMP kinase Antibody [NBP3-38287] - Immunofluorescence analysis of MCF7 cells using CMP kinase Rabbit pAb. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation: CMP kinase Antibody [NBP3-38287] - Immunoprecipitation analysis of 300 ug extracts of HT-29 cells using 3 ug CMP kinase antibody. Western blot was performed from the immunoprecipitate using CMP kinase antibody at a dilution of 1:1000.





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### **Products Related to NBP3-38287-100ul**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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