

# Product Datasheet

## PP2A alpha/beta Antibody (4J2Z8) NBP3-16634-100ul

Unit Size: 100 ul

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

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**NBP3-16634-100ul**

PP2A alpha/beta Antibody (4J2Z8)

**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>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 4J2Z8                                                                                       |
| <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, 0.05% BSA                                                       |

**Product Description**

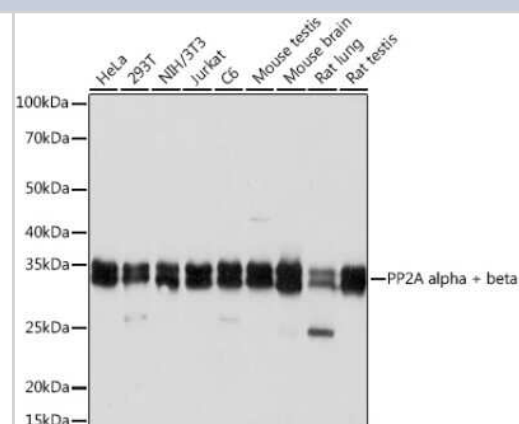
|                    |                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                  |
| <b>Gene ID</b>     | 5515                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b> | PPP2CA                                                                                                                                                                                                                                  |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                       |
| <b>Immunogen</b>   | A synthetic peptide corresponding to a sequence within amino acids 200-309 of human PP2A alpha/beta (P62714).<br>WSDPDDRGGWGISPRGAGYTFGQDISETFNHANGLTLVSRAHQLVMEGYNW<br>CHDRNVVTIFSAPNYCYRCGNQAAIMELDDTLKYSFLQFDPAPRRGEPHVTRR<br>TPDYFL |

**Product Application Details**

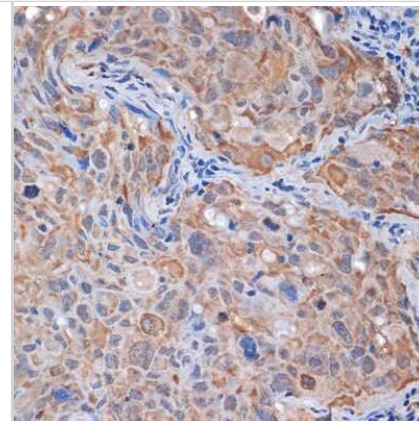
|                              |                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                          |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin |

**Images**

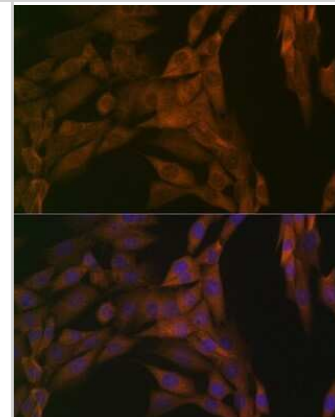
Western Blot: PP2A alpha/beta Antibody (4J2Z8) [NBP3-16634] - Western blot analysis of extracts of various cell lines, using PP2A alpha/beta Rabbit mAb (NBP3-16634) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



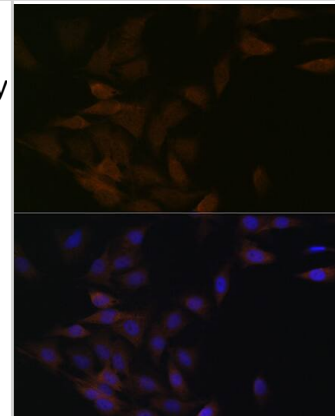
Immunohistochemistry-Paraffin: PP2A alpha/beta Antibody (4J2Z8) [NBP3-16634] - Immunohistochemistry of paraffin-embedded human lung cancer using PP2A alpha/beta Rabbit mAb (NBP3-16634) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



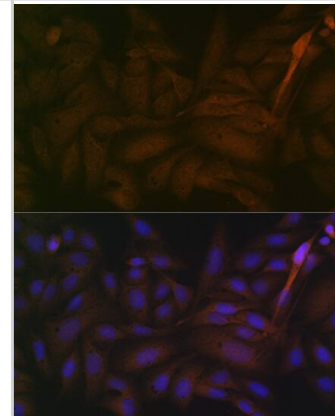
Immunocytochemistry/Immunofluorescence: PP2A alpha/beta Antibody (4J2Z8) [NBP3-16634] - Immunofluorescence analysis of NIH-3T3 cells using PP2A alpha/beta Rabbit mAb (NBP3-16634) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



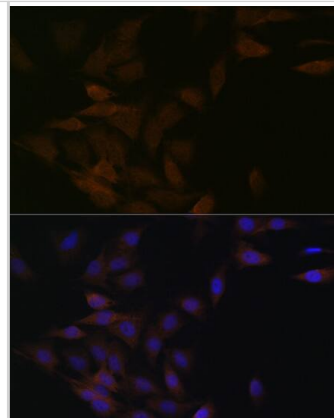
Immunocytochemistry/ Immunofluorescence: PP2A alpha/beta Antibody (4J2Z8) [NBP3-16634] - Immunofluorescence analysis of C6 cells using PP2A alpha + beta Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



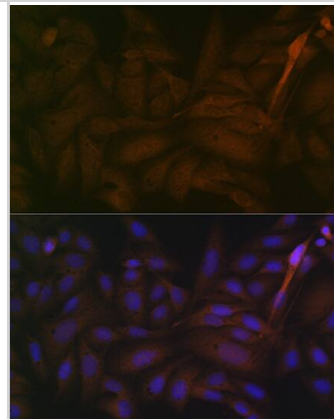
Immunocytochemistry/ Immunofluorescence: PP2A alpha/beta Antibody (4J2Z8) [NBP3-16634] - Immunofluorescence analysis of U-2 OS cells using PP2A alpha + beta Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: PP2A alpha/beta Antibody (4J2Z8) [PP2A alpha/beta] - Immunofluorescence analysis of C6 cells using PP2A alpha + beta Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: PP2A alpha/beta Antibody (4J2Z8) [PP2A alpha/beta] - Immunofluorescence analysis of U-2 OS cells using PP2A alpha + beta Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-16634-100ul**

|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NB500-106  | PCNA Antibody (PC10) - BSA Free                     |

### **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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