

# Product Datasheet

## PIK3C2A Antibody NB300-855

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB300-855****PIK3C2A Antibody**

| <b>Product Information</b> |                                                        |
|----------------------------|--------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 mg                                                 |
| <b>Concentration</b>       | 0.5 mg/ml                                              |
| <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>              | Immunogen affinity purified                            |
| <b>Buffer</b>              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

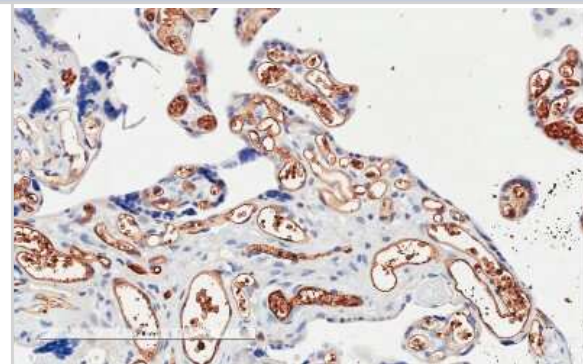
| <b>Product Description</b> |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Goat PIK3C2A Antibody (NB300-855) is a polyclonal antibody validated for use in IHC and ELISA. Anti-PIK3C2A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Goat                                                                                                                                                                                                                                |
| <b>Gene ID</b>             | 5286                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>         | PIK3C2A                                                                                                                                                                                                                             |
| <b>Species</b>             | Human                                                                                                                                                                                                                               |
| <b>Immunogen</b>           | Peptide with sequence C-TVKWYQLTAATYL corresponding to C-Terminus according to NP_002636.2.                                                                                                                                         |

| <b>Product Application Details</b> |                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA                                                                                                                                                                                          |
| <b>Recommended Dilutions</b>       | Immunohistochemistry 5 - 10 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500, Peptide ELISA detection limit 1:32000                                                                                                                                          |
| <b>Application Notes</b>           | WB: Preliminary experiments gave no signal but low background in human testis and Molt-4 lysates at up to 1 ug/ml. IHC-P: Human heart shows strong staining of the capillary network and patterned staining of the myocardial fibres in transverse section. |

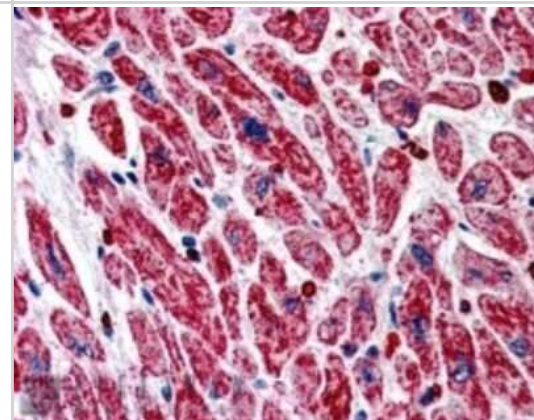


## Images

Immunohistochemistry-Paraffin: PIK3C2A Antibody [NB300-855] - (2ug/ml) staining of paraffin embedded Human Placenta. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: PIK3C2A Antibody [NB300-855] - IHC analysis of PIK3C2A in paraffin embedded Human Heart using NB300-855 at 5ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Molz L, Chen YW, Hirano M, Williams LT. Cpk is a novel class of Drosophila PtdIns 3-kinase containing a C2 domain. J Biol Chem 1996-06-07 [PMID: 8662856]



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### **Products Related to NB300-855**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |
| NBP1-80908PEP   | PIK3C2A Recombinant Protein Antigen                                    |

### **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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