

# Product Datasheet

## BCAP31 Antibody NB100-1016

Unit Size: 0.1 mg

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

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**NB100-1016****BCAP31 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 BCAP31 Antibody (NB100-1016) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-BCAP31 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Goat                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                 | 10134                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b>             | BCAP31                                                                                                                                                                                                                                 |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                  |
| <b>Reactivity Notes</b>        | Predicted cross-reactivity based on sequence identity: Canine, Porcine, Bovine.                                                                                                                                                        |
| <b>Specificity/Sensitivity</b> | This antibody is expected to recognise isoform a (NP_001132929.1) and isoform b (NP_005736.3; NP_001132913.1).                                                                                                                         |
| <b>Immunogen</b>               | Peptide with sequence C-QAAVDGPMDKKEE corresponding to C-Terminus according to NP_001132929.1, NP_005736.3.                                                                                                                            |

| <b>Product Application Details</b> |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA                                                           |
| <b>Recommended Dilutions</b>       | Western Blot 1 - 3 ug/mL, Immunohistochemistry 3.75 ug/mL, Immunohistochemistry-Paraffin 3.75 ug/mL, Peptide ELISA Detection limit 1:32000 |

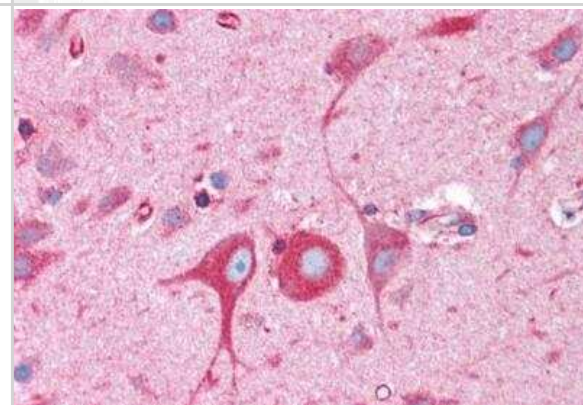


## Images

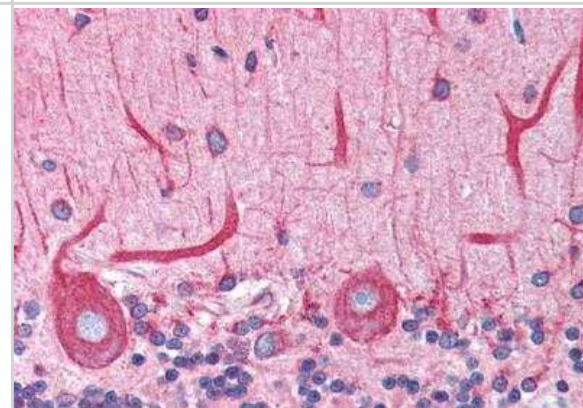
Western Blot: BCAP31 Antibody [NB100-1016] - Staining of Human Breast lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

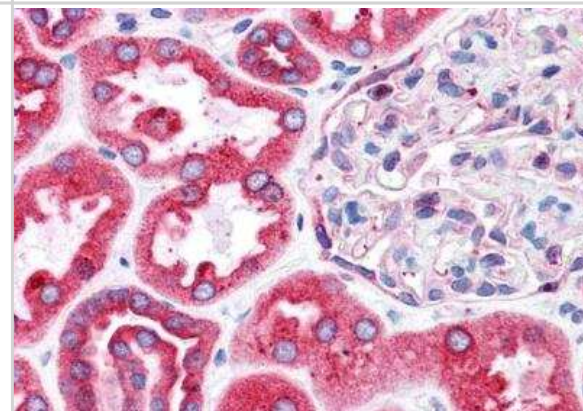
Immunohistochemistry-Paraffin: BCAP31 Antibody [NB100-1016] - Staining of paraffin embedded Human Cortex. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: BCAP31 Antibody [NB100-1016] - Staining of paraffin embedded Human Cerebellum. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: BCAP31 Antibody [NB100-1016] - Staining of paraffin embedded Human Kidney. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Adachi T, Schamel WW, Kim KM et al. The specificity of association of the IgD molecule with the accessory proteins BAP31/BAP29 lies in the IgD transmembrane sequence. EMBO J 1996-04-01 [PMID: 8612576]



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### **Products Related to NB100-1016**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| NB820-59177     | Human Brain Whole Tissue Lysate (Adult Whole Normal)                   |
| 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                                               |

### **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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