

# Product Datasheet

## CD2AP Antibody - BSA Free

### NBP1-90625

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-90625**

CD2AP Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. 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>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

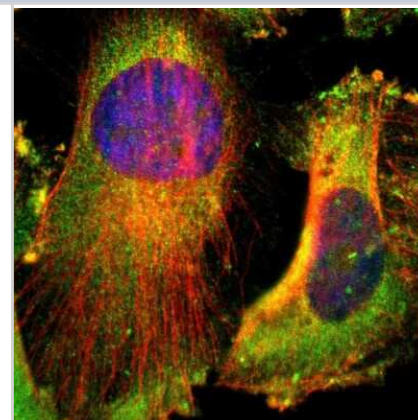
|                    |                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit CD2AP Antibody - BSA Free (NBP1-90625) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                  |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                 |
| <b>Gene ID</b>     | 23607                                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b> | CD2AP                                                                                                                                                                                                                                                  |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                                      |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>VDFDSLTVRTSKETDVVNFDIASSENLLHLTANRPKMPGRRLLPGRFNGGHSP<br>THSPEKILKLPKEEDSANLKPSELKKDTCYSPKPSVYLSTPSSASKANTTAFLTP<br>LEIKAKVETDDVKNSLDELRAQIIELLCIVEALKKDHGKEL |

**Product Application Details**

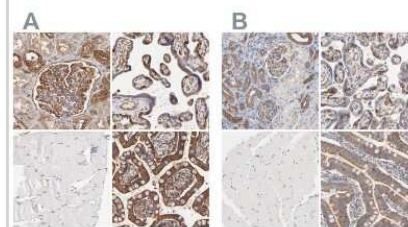
|                              |                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                          |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                      |

**Images**

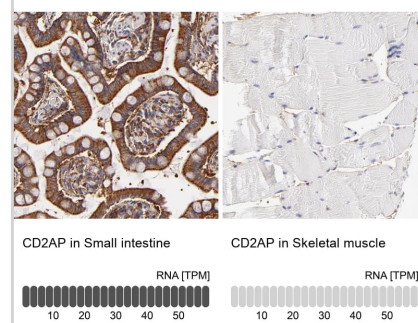
Immunocytochemistry/Immunofluorescence: CD2AP Antibody [NBP1-90625] - Staining of human cell line U-251 MG shows localization to plasma membrane and cytosol. Antibody staining is shown in green.



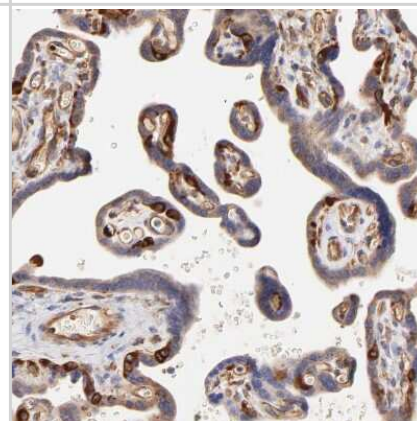
Immunohistochemistry-Paraffin: CD2AP Antibody [NBP1-90625] - Staining of human kidney, placenta, skeletal muscle and small intestine using Anti-CD2AP antibody NBP1-90625 (A) shows similar protein distribution across tissues to independent antibody NBP1-90626 (B).



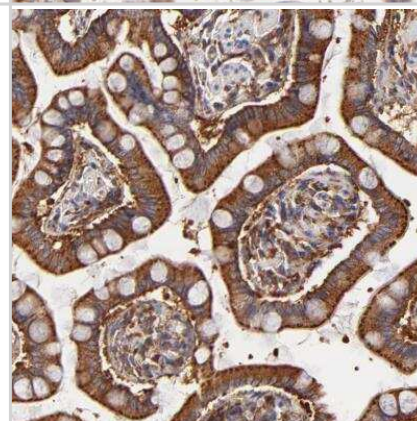
Analysis in human small intestine and skeletal muscle tissues using NBP1-90625 antibody. Corresponding CD2AP RNA-seq data are presented for the same tissues.



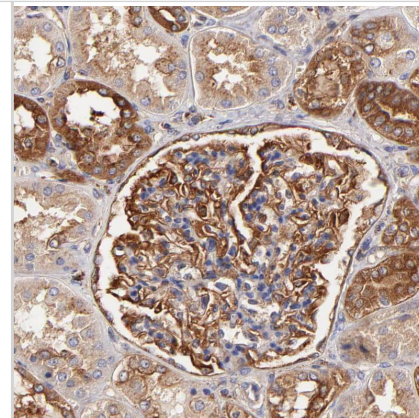
Immunohistochemistry-Paraffin: CD2AP Antibody [NBP1-90625] - Staining of human placenta shows strong cytoplasmic positivity in endothelial cells.



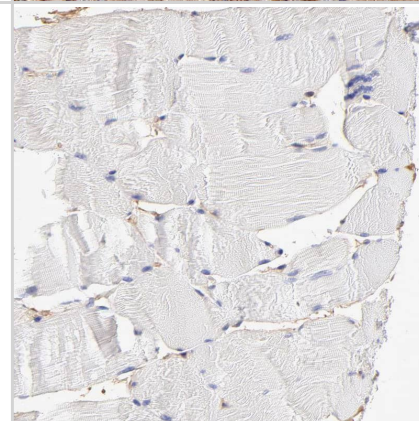
Immunohistochemistry-Paraffin: CD2AP Antibody [NBP1-90625] - Staining of human small intestine shows strong granular positivity in cytoplasm in glandular cells.



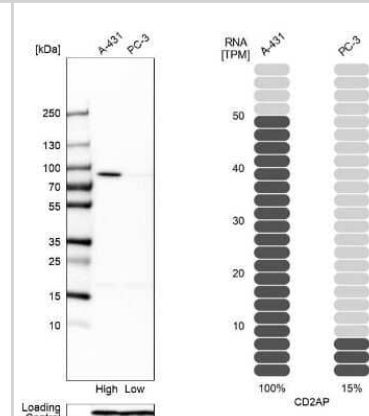
Staining of human kidney shows strong membranous positivity in cells in glomeruli.



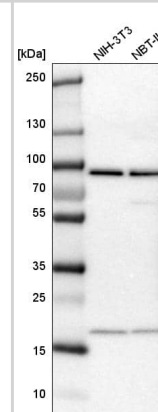
Staining of human skeletal muscle shows no positivity in myocytes.



Western Blot: CD2AP Antibody [NBP1-90625] - Analysis in human cell lines A-431 and PC-3 using anti-CD2AP antibody. Corresponding CD2AP RNA-seq data are presented for the same cell lines. Loading control: anti-PFN1.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.





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### **Products Related to NBP1-90625**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-90625PEP | CD2AP Recombinant Protein Antigen                   |
| 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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