

# Product Datasheet

## APLP-2 Antibody - BSA Free

### NBP1-89029

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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#### Publications: 1

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**NBP1-89029**

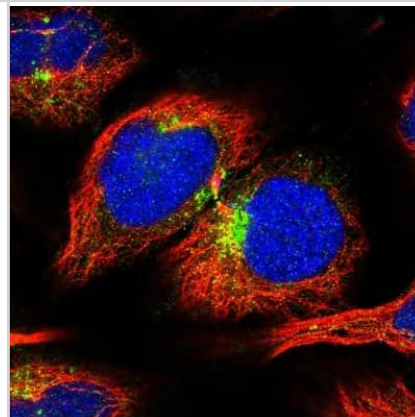
APLP-2 Antibody - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Polyclonal  |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Immunogen affinity purified   |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol   |
| Target Molecular Weight     | 87 kDa  |
| Product Description         |   |
| Description                 | Novus Biologicals Rabbit APLP-2 Antibody - BSA Free (NBP1-89029) is a polyclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-APLP-2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                        |
| Host                        | Rabbit  |
| Gene ID                     | 334   |
| Gene Symbol                 | APLP2   |
| Species                     | Human, Mouse  |
| Reactivity Notes            | Mouse reactivity reported in scientific literature (PMID: 25586139).  |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>PYVAQEIQEEIDELLQEQRADMDQFTASISETPVDVRVSSEEESEEIPPFHPPHPPF<br>PALPENEDTQPELYHPMK  |
| Product Application Details |   |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry  |
| Recommended Dilutions       | Western Blot Reported in scientific literature (PMID: 25586139), Flow Cytometry Validated for Flow Cytometry from a verified customer review, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.   |

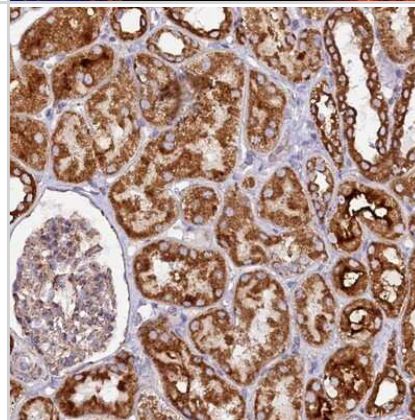


## Images

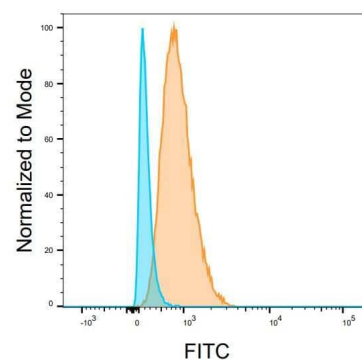
Immunocytochemistry/Immunofluorescence: APLP-2 Antibody [NBP1-89029] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: APLP-2 Antibody [NBP1-89029] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Flow Cytometry: Rabbit Polyclonal APLP-2 Antibody [NBP1-89029] - U937 cells were surface stained with 2ug/mL APLP-2 antibody (orange) and matched isotype control (blue) for 30 minutes at 4 degrees Celsius prior to secondary antibody stain. Isotype control and secondary antibodies were conjugated to FITC. Image from a verified customer review.



## Publications

Travis C Jackson, Lina Du, Keri Janesko-Feldman et al. The nuclear splicing factor RNA binding motif 5 promotes caspase activation in human neuronal cells, and increases after traumatic brain injury in mice. *Journal of Cerebral Blood Flow & Metabolism* 2015-01-14 [PMID: 25586139] (WB, Mouse)



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### **Products Related to NBP1-89029**

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|               |   |
|---------------|---|
| NBP1-89029PEP | APLP-2 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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