

# Product Datasheet

## CACNG5 Antibody NBP2-76921

Unit Size: 100 ul

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

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**NBP2-76921****CACNG5 Antibody****Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <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>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG                                                                                    |
| <b>Purity</b>                  | Immunogen affinity purified                                                            |
| <b>Buffer</b>                  | PBS (pH7.4), 0.2% BSA, 50% Glycerol                                                    |
| <b>Target Molecular Weight</b> | 31 kDa                                                                                 |

**Product Description**

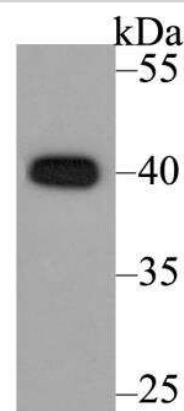
|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                  |
| <b>Gene Symbol</b> | CACNG5                                                                                                  |
| <b>Species</b>     | Human, Rat                                                                                              |
| <b>Immunogen</b>   | Synthetic peptide within Human CACNG5 aa 68-117 / 275. (SwissProt: Q9UF02 Human; SwissProt: Q8VHW8 Rat) |

**Product Application Details**

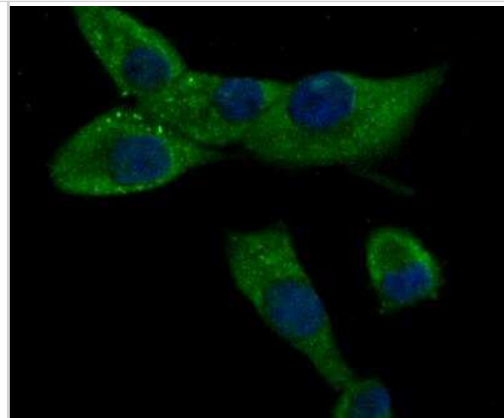
|                              |                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                  |
| <b>Recommended Dilutions</b> | Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50 |

**Images**

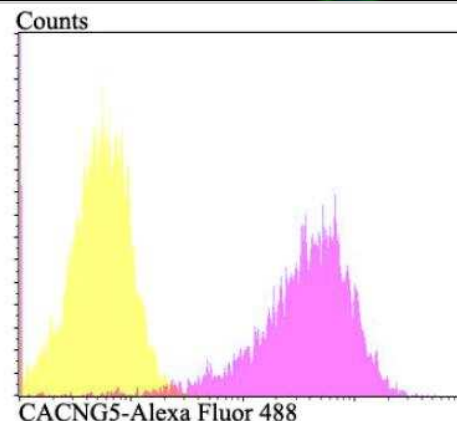
Western Blot: CACNG5 Antibody [NBP2-76921] - Western blot analysis of CACNG5 on LOVO cell lysate using anti-CACNG5 antibody at 1/200 dilution.



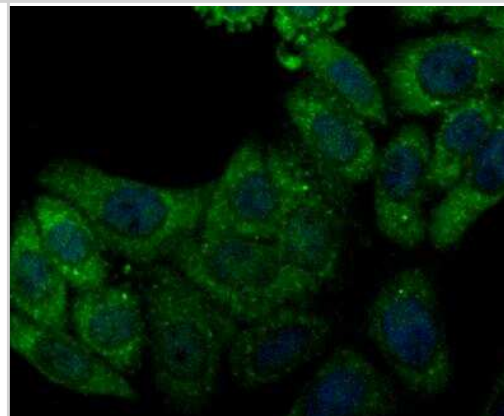
Immunocytochemistry/Immunofluorescence: CACNG5 Antibody [NBP2-76921] - ICC staining CACNG5 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



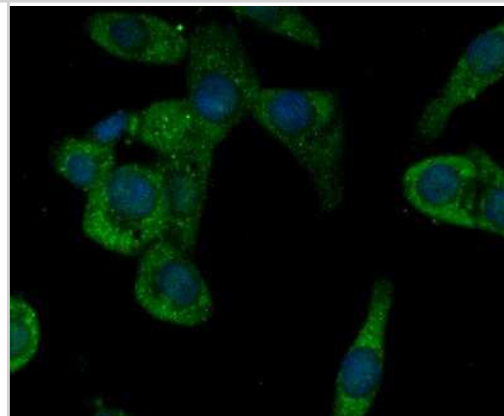
Flow Cytometry: CACNG5 Antibody [NBP2-76921] - Flow cytometric analysis of PANC-1 cells with CACNG5 antibody at 1/100 dilution (fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



Immunocytochemistry/Immunofluorescence: CACNG5 Antibody [NBP2-76921] - ICC staining CACNG5 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: CACNG5 Antibody [NBP2-76921] - ICC staining CACNG5 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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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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