

For Research Use Only

# GNB3 Recombinant antibody, PBS Only



Catalog Number: 83452-4-PBS

## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>83452-4-PBS                       | <b>GenBank Accession Number:</b><br>BC000115  | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>2784   | <b>CloneNo.:</b><br>240281D1                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P16520  |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>guanine nucleotide binding protein (G protein), beta polypeptide 3 |   |
| <b>Immunogen Catalog Number:</b><br>AG0127                  | <b>Calculated MW:</b><br>37 kDa   |   |

## Applications

**Tested Applications:**  
ELISA, WB

**Species Specificity:**  
rat, mouse, human

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

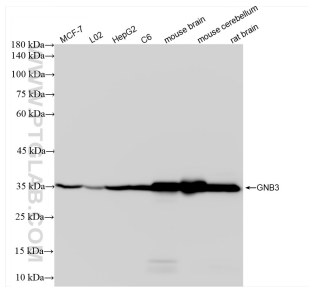
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

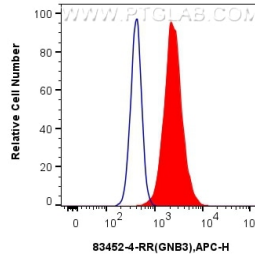
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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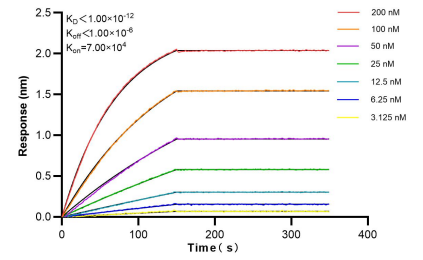
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83452-4-RR (GNB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83452-4-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug GNB3 Recombinant antibody (83452-4-RR, Clone:240281D1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83452-4-PBS in a different storage buffer formulation.



Biacore interferometry (BLI) kinetic assays of 83452-4-RR against Human GNB3 were performed. The affinity constant is below 1 pM.