

For Research Use Only

# GNA12 Polyclonal antibody

Catalog Number: 31431-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>31431-1-AP                          | <b>GenBank Accession Number:</b><br>BC087537                                 | <b>Purification Method:</b><br>Antigen affinity Purification |
| <b>Size:</b><br>150ul , Concentration: 400 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>2768  | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q03113   |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>guanine nucleotide binding protein (G protein) alpha 12 |  |
| <b>Immunogen Catalog Number:</b><br>AG35068                   | <b>Observed MW:</b><br>37-39 kDa   |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : HeLa cells, HepG2 cells |
| <b>Species Specificity:</b><br>Human, mouse, rat |   |

## Background Information

G protein subunit alpha 12 (GNA12) is a member of the G12 family of G protein alpha subunits. It has 3 isoforms and is expressed in many tissues including lung, testis and placenta. GNA12/13-mediated signaling pathways are involved in a variety of physiological processes including cell growth, cell migration, angiogenesis, platelet activation and apoptosis (PMID: 37426201).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

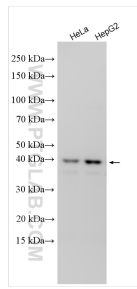
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31431-1-AP (GNA12 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.