

For Research Use Only

GNB3 Polyclonal antibody

Catalog Number:15388-1-AP



Basic Information

Catalog Number: 15388-1-AP	GenBank Accession Number: BC002454	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 ug/ml by Nanodrop;	GeneID (NCBI): 2784	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: P16520	
Isotype: IgG	Full Name: guanine nucleotide binding protein (G protein), beta polypeptide 3	
Immunogen Catalog Number: AG7050	Calculated MW: 37 kDa	
	Observed MW: 35-37 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : LO2 cells, HepG2 cells, mouse brain tissue, rat brain tissue

IHC : human kidney tissue, human brain tissue, human lung tissue, human ovary tissue, human testis tissue

Background Information

Guanine nucleotide-binding proteins (g proteins) are involved as a modulator or transducer in various transmembrane signaling systems, by integrating signals between receptors and effector proteins. G proteins are composed of an alpha, a beta, and a gamma subunit. This gene encodes a 34 kd beta subunit, being expressed in all tissues. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

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

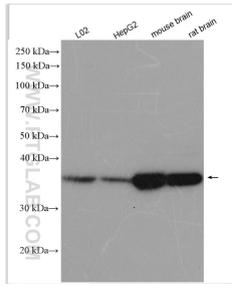
For technical support and original validation data for this product please contact:

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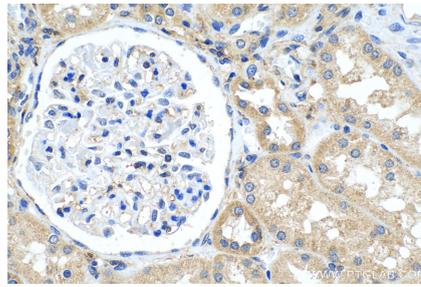
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Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 15388-1-AP (GNB3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15388-1-AP (GNB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).