

For Research Use Only

GNB4 Polyclonal antibody

Catalog Number: 11978-2-AP **2 Publications**



Basic Information

Catalog Number: 11978-2-AP	GenBank Accession Number: BC000873	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 430 µg/ml by Nanodrop;	GeneID (NCBI): 59345	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:1000
Source: Rabbit	Full Name: guanine nucleotide binding protein (G protein), beta polypeptide 4	for WB IF 1:50-1:500
Isotype: IgG	Calculated MW: 340 aa, 38 kDa	
Immunogen Catalog Number: AG2604	Observed MW: 38 kDa	

Applications

Tested Applications:
IF, IP, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human, mouse

Cited Species:
human

Positive Controls:

WB: A549 cells, HEK-293T cells, MCF-7 cells, SH-SY5Y cells, human placenta tissue, mouse kidney tissue

IP: mouse brain tissue,

IF: SH-SY5Y cells,

Background Information

G protein subunit beta 4 (GNB4), is one of the heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins. GNB4 is important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

Notable Publications

Author	Pubmed ID	Journal	Application
Jasjot Singh	36266287	Nat Commun	WB
Duanrui Liu	37016382	BMC Med	IF

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**

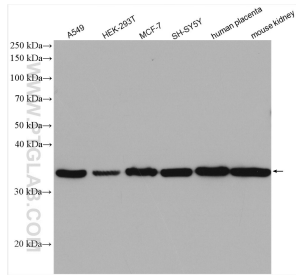
For technical support and original validation data for this product please contact:

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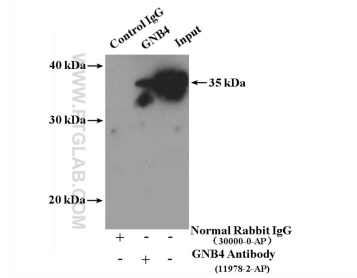
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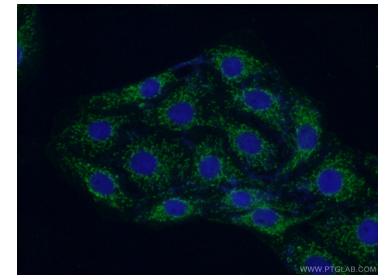
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11978-2-AP (GNB4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-GNB4 (IP:11978-2-AP, 4 μ g; Detection:11978-2-AP 1:800) with mouse brain tissue lysate 4000 μ g.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 11978-2-AP (GNB4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).