

GNAQ Monoclonal antibody, PBS Only

Catalog Number: **68191-1-PBS**

Basic Information

Catalog Number: 68191-1-PBS	GenBank Accession Number: BC057777	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2776	CloneNo.: 2H5G6
Source: Mouse	UNIPROT ID: P50148	
Isotype: IgG2b	Full Name: guanine nucleotide binding protein (G protein), q polypeptide	
Immunogen Catalog Number: AG26178	Calculated MW: 42 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat, Rabbit, Pig

Background Information

GNAQ is a proto-oncogene closely related to the α subunit of guanine nucleotide-binding proteins (G proteins) that serve as key intermediates between membrane-bound G-protein-coupled receptors (GPCRs) and GPCR signalling nodes. Aberrant expression and activity of G proteins and GPCRs are frequently associated with tumorigenesis. Recent studies show that oncogenic activating mutations in GNAQ are present in 80% of the melanomas. The calculated molecular weight of GNAQ is 42 kDa. This antibody can detect a band of 38-40 kDa in SDS-PAGE. (PMID: 33993733)

Storage

Storage:
Store at **-80°C**.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

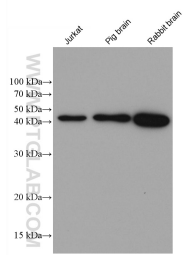
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E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68191-1-Ig (GNAQ antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68191-1-PBS in a different storage buffer formulation.