

For Research Use Only

GNAT1 Recombinant antibody, PBS Only

Catalog Number: 85362-1-PBS



Basic Information

Catalog Number: 85362-1-PBS	GenBank Accession Number: NM_000172	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2779	CloneNo.: 242682F5
Source: Rabbit	UNIPROT ID: P11488	
Isotype: IgG	Full Name: guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1	
	Calculated MW: 40 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human, mouse

Background Information

GNAT1, also named as GNATR, belongs to the G-alpha family and G(i/o/t/z) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Transducin is an amplifier and one of the transducers of a visual impulse that performs the coupling between rhodopsin and cGMP-phosphodiesterase. Defects in GNAT1 are the cause of congenital stationary night blindness autosomal dominant type 3 (CSNBAD3). This antibody is specific to GNAT1.

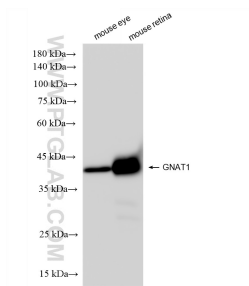
Storage

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85362-1-RR (GNAT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85362-1-PBS in a different storage buffer formulation.