

For Research Use Only

# GNGT2 Recombinant antibody, PBS Only

Catalog Number: 86284-1-PBS



## Basic Information

<b>Catalog Number:</b> 86284-1-PBS	<b>GenBank Accession Number:</b> BC008663	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2793	<b>CloneNo.:</b> 250794F8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14610	
<b>Isotype:</b> IgG	<b>Full Name:</b> guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2	
<b>Immunogen Catalog Number:</b> EG4093	<b>Calculated MW:</b> 69 aa, 8 kDa	
	<b>Observed MW:</b> 8 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

GNGT2, also known as GNG8, GNG9 and GNGT8, belongs to the G protein gamma family. Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. This antibody has weak cross-reactivity of GNGT1 protein, as the immunogen of GNGT2 shares about 65% homology with GNGT1.

## Storage

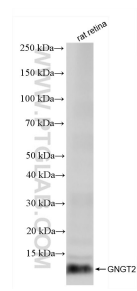
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

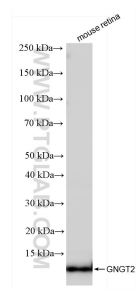
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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# Selected Validation Data



rat retina tissue were subjected to SDS PAGE followed by western blot with 86284-1-RR (GNGT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86284-1-PBS in a different storage buffer formulation.



mouse retina tissue were subjected to SDS PAGE followed by western blot with 86284-1-RR (GNGT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86284-1-PBS in a different storage buffer formulation.