

For Research Use Only

GCCR Recombinant antibody

Catalog Number: 84237-5-RR



Basic Information

Catalog Number: 84237-5-RR	GenBank Accession Number: BC104854	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2642	CloneNo.: 241501C4
Source: Rabbit	UNIPROT ID: P47871	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: glucagon receptor	
Immunogen Catalog Number: AG24861	Calculated MW: 477 aa, 54 kDa	
	Observed MW: 62-68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue, mouse kidney tissue, mouse liver tissue
Species Specificity: human, mouse	

Background Information

Glucagon receptor (GCCR) is a secretin-like (class B) family of G-protein coupled receptors (GPCRs). It plays an important role in elevating the glucose concentration in the blood and has thus become one of the promising therapeutic targets for treating type 2 diabetes mellitus (PMID: 26236379). GCCR is a 62-kDa glycoprotein that contains at least four N-linked oligosaccharide chains (PMID: 2174441; 15245877). Defects in the gene of GCCR cause non-insulin-dependent diabetes mellitus (NIDDM).

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

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

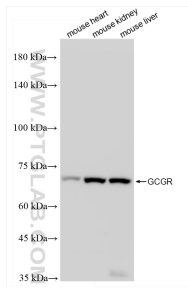
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84237-5-RR (GPCR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.