

For Research Use Only

GNRHR Recombinant antibody, PBS Only



Catalog Number: 82847-1-PBS

Basic Information

Catalog Number: 82847-1-PBS	GenBank Accession Number: NM_000406	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2798	CloneNo.: 7E11
Source: Rabbit	UNIPROT ID: P30968	
Isotype: IgG	Full Name: GnRH receptor	
	Calculated MW: 38 kDa	
	Observed MW: ~38 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

GNRHR, also named GRHR, belongs to the G-protein coupled receptor 1 family. GNRHR is a receptor for GnRH that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). It mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform2 of GNRHR may act as an inhibitor of GnRH-R signaling. Defects in GNRHR are a cause of idiopathic hypogonadotropic hypogonadism (IHH). Defects in GNRHR are a cause of fertile eunuch syndrome. The predicted unmodified molecular weight of the human GNRHR is ~38 kDa, the larger band (50-65 kDa) is likely to represent a glycosylated form of GNRHR.

Storage

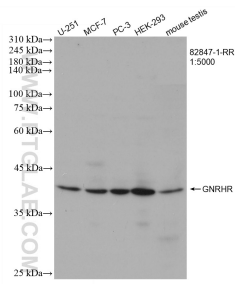
Storage:
Store at -80°C.

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) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82847-1-RR (GNRHR antibody) at dilution of 1:5100 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82847-1-PBS in a different storage buffer formulation.