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Datasheet for ABIN7267500 **anti-GNRHR antibody (AA 200-300)**

Overview

Quantity:	100 µL
Target:	GNRHR
Binding Specificity:	AA 200-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNRHR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GNRHR Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human GNRHR (NP_000397.1).
Sequence:	CSFSQWWHQA FYNFFTFSCSL FIPLFIMLI CNAKIIFTLT RVLHQDPHEL QLNQSKNNIP RARLKTLMKT VAFATSFTVC WTPYYVLGIW YWFDPEMLNR L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	GNRHR
Alternative Name:	GNRHR (GNRHR Products)
Background:	<p>This gene encodes the receptor for type 1 gonadotropin-releasing hormone. This receptor is a member of the seven-transmembrane, G-protein coupled receptor (GPCR) family. It is expressed on the surface of pituitary gonadotrope cells as well as lymphocytes, breast, ovary, and prostate. Following binding of gonadotropin-releasing hormone, the receptor associates with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Activation of the receptor ultimately causes the release of gonadotropic luteinizing hormone (LH) and follicle stimulating hormone (FSH). Defects in this gene are a cause of hypogonadotropic hypogonadism (HH). Alternative splicing results in multiple transcript variants encoding different isoforms. More than 18 transcription initiation sites in the 5' region and multiple polyA signals in the 3' region have been identified for this gene.</p> <p>GNRHR,GNRHR1,GRHR,HH7,LHRHR,LRHR,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine & Metabolism,Neuroscience,GNRHR</p>
Molecular Weight:	27kDa/37kDa
Gene ID:	2798
UniProt:	P30968

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.