

Datasheet for ABIN5541891
anti-GNRH1 antibody (AA 11-60)



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Overview

Quantity:	0.1 mg
Target:	GNRH1
Binding Specificity:	AA 11-60
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNRH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 11-60 of Human GnRH I.
Specificity:	This antibody detects endogenous levels of GnRH 1 protein.
Purification:	Affinity Chromatography using epitope-specific immunogen

Target Details

Target:	GNRH1
Alternative Name:	gnrh1,progonadoliberin-1 (GNRH1 Products)
Background:	GnRH is produced by hypothalamic neurons and secreted in a pulsatile manner into the capillary plexus of the median eminence. GnRH affects the release of lutenizing hormone and follicle stimulating hormone from gonadotropic cells in the anterior pituitary. In addition to hypothalamic GnRH (GnRH I), a second GnRH form (GnRH II) functions primarily in the

Target Details

midbrain. GnRH is xpressed in the acrosomal region of human sperm and in the anterior pituitary tissue and cancer cells. Unlike GnRH I, GnRH II is highly expressed outside the brain, particularly in the kidney, bone marrow and prostate, suggesting that it may have multiple functions. GnRH binds to a specific G protein-coupled receptor in the pituitary to regulate synthesis and secretion of gonadotropins.

UniProt:	P01148
Pathways:	Hormone Activity

Application Details

Application Notes:	Western blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	95 % by SDS-PAGE) Aff - Purified
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:	4 °C,-20 °C
Storage Comment:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months