



POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. KZ-HS-P03

Anti Chicken GnRH (Type II)

BACKGROUND

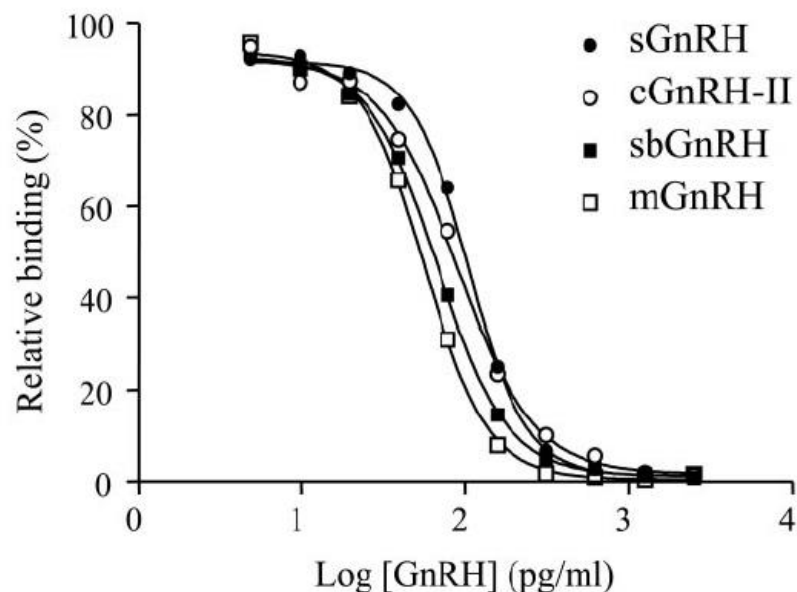
Gonadotropin Releasing Hormone (GnRH), also known as Luteinizing-hormone-releasing-hormone (LHRH) and luteinizing hormone-releasing hormone (LHRH), is a tropic peptide hormone responsible for the release of follicle-stimulating hormone (FSH) and Luteinizing Hormone (LH) from the anterior pituitary. GnRH is synthesized and released from neurons within the hypothalamus. The peptide belongs to the gonadotropin-releasing hormone family.

Product type	Primary antibodies
Host	Rabbit
Form	Serum
Volume	50 µl
Antigen	Synthetic chicken GnRH
Cross reactivity	Mammalian GnRH, chicken GnRH, Chicken GnRH II, Sam GnRH, most GnRH molecules
Application notes	Recommended dilutions

RIA : 1/100,000 - 1/400,000

IHC : 1/5,000 - 1/20,000

Neutralization : n/d



Storage Store below -20°C (below -70°C for prolonged storage).
Aliquot to avoid cycles of freeze/thaw.

References

- 1) Miyamoto K, Hasegawa Y, Nomura M, Igarashi M, Kangawa K & Matsuo H (1984) Identification of the second gonadotropin-releasing hormone in chicken hypothalamus: evidence that gonadotropin secretion is probably controlled by two distinct gonadotropin-releasing hormones in avian species. *Proc Natl Acad Sci USA*. **81**: 3874-3878. PMID: [6427779](#)
- 2) Amano M, Oka Y, Aida K, Okumoto N, Kawashima S & Hasegawa Y (1991) Immunocytochemical demonstration of salmon GnRH and chicken GnRH-II in the brain of masu salmon, *Oncorhynchus masou*. *J Comp Neurol*. **314**: 587-597. PMID: [1814976](#)
- 3) Kobayashi M, Amano M, Kim MH, Furukawa K, Hasegawa Y & Aida K (1994) Gonadotropin-releasing hormones of terminal nerve origin are not essential to ovarian development and ovulation in goldfish. *Gen Com Endocrinol*. **95**: 192-200. PMID: [7958749](#)
- 4) Ishizaki M, Iigo M, Yamamoto N & Oka Y (2004) Different modes of gonadotropin-releasing hormone (GnRH) release from multiple GnRH systems as revealed by radioimmunoassay using brain slices of a teleost, the dwarf gourami (*Colisa lalia*). *Endocrinology*. **145**: 2092-2103. PMID: [14715708](#)

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