

## Product datasheet for **TA364278**

### Gnrh1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Prolactin Inhibiting Factor. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Asn-Thr-Glu-His-Leu-Val-Asp-Ser-Phe-Gln-Glu-Met- Gly-Lys-Glu-Glu-Asp-Gln-Met-Ala-Glu-Pro-Gln-Asn-Phe-Glu-Cys-Thr- Val-His-Trp-Pro-Arg-Ser-Pro-Leu-Arg-Asp-Leu-Arg-Gly-Ala-Leu-Glu-Arg- Leu-Ile-Glu-Glu-Glu-Ala-Gly-Gln-Lys-Lys-Met-OH coupled to a carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	gonadotropin releasing hormone 1
Database Link:	<a href="#">Entrez Gene 25194 Rat P07490</a>
Background:	Prolactin is a protein known for its role in enabling mammals to produce milk. It is secreted from the pituitary gland in response to eating, mating, estrogen treatment, ovulation and nursing. Prolactin plays an essential role in metabolism, regulation of the immune system and pancreatic development. Prolactin Inhibiting Factor (PIF) inhibits the release of prolactin and is supposed to be dopamine, which is secreted by the tuber infundibular neurons. This antibody was generated by immunization of rabbits with Prolactin Inhibiting Factor coupled to a carrier protein.
Synonyms:	GNRH; GRH; LHRH; LNRH



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