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Datasheet for ABIN7429919
anti-GNRH1 antibody (AA 25-92)

1 Image

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | GNRH1 |
| Binding Specificity: | AA 25-92 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GNRH1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Polyclonal Antibody to Gonadotropin Releasing Hormone (GnRH) |
| Immunogen: | Recombinant Gonadotropin Releasing Hormone (GnRH) corresponding to His25~Met92 (Accession # P07490) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against GnRH. It has been selected for its ability to recognize GnRH in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

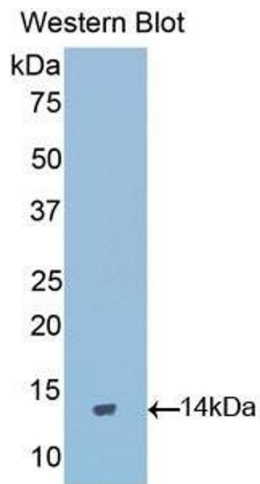
| | |
|-------------------|--|
| Target: | GNRH1 |
| Alternative Name: | Gonadotropin Releasing Hormone (GNRH1 Products) |
| Background: | GNRH1, GRH, LNRH, LHRH, LH-RH I, Luliberin, Luteinizing-Hormone Releasing Hormone, Progonadoliberin-1, Gonadoliberin I, Gonadorelin, GnRH-associated peptide 1 |
| Pathways: | Hormone Activity |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| 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 at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant GnRH, Rat using Polyclonal Antibody to Gonadotropin Releasing Hormone (GnRH)