



# GON2 Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-07772                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>          | GNRH2                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Name</b>       | Progonadoliberin-2 (Progonadoliberin II) [Cleaved into: Gonadoliberin-2 (Gonadoliberin II) (Gonadotropin-releasing hormone II) (GnRH II) (Luliberin II) (Luteinizing hormone-releasing hormone II) (LH-R                                                                                                                                                                                                                      |
| <b>Immunogen</b>          | Synthesized peptide derived from part region of human protein AA range: 1-50                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>        | GON2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                         |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Observed Band</b>      | 13kD                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cell Pathway</b>       | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b> | Midbrain; expressed at significantly higher levels outside the brain (up to 30-fold), particularly in the kidney, bone marrow and prostate.                                                                                                                                                                                                                                                                                   |
| <b>Function</b>           | alternative products:Experimental confirmation may be lacking for some isoforms,function:Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones.,similarity:Belongs to the GnRH family.,tissue specificity:Midbrain; expressed at significantly higher levels outside the brain (up to 30-fold), particularly in the kidney, bone marrow and prostate., |
| <b>Background</b>         | gonadotropin releasing hormone 2(GNRH2) Homo sapiens This gene encodes a secreted peptide hormone and member of the gonadotropin-releasing hormone (GnRH) family of proteins. The encoded protein regulates reproductive function by stimulating the production and release of the gonadotropins                                                                                                                              |

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follicle-stimulating hormone (FSH) and luteinizing hormone (LH). The encoded protein may inhibit endometrial, ovarian, prostate, and breast cancer cell proliferation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015],

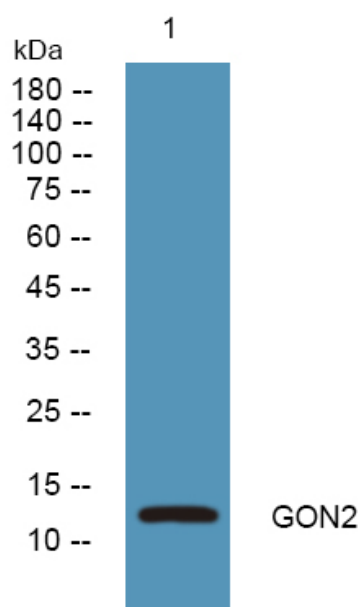
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night