

## Anti-GnRHR Polyclonal Antibody

### Product Details

Ig Type: IgG  
Reactivity: Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse)  
Molecular Weight: Theoretical: 36 kDa. Actual: 63 kDa.  
Purification: Protein A purified

### Applications

#### Sample:

Lane 1: Cerebrum (Mouse) Lysate at 40 µg

Lane 2: A549 (Human) Cell Lysate at 30 µg

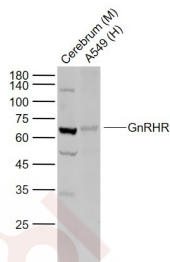
#### Verified Activity:

Primary: Anti-GnRHR (TMAB-00784) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 62-70 kDa

Observed band size: 63 kDa



Application: WB

Recommended WB: 1:500-2000

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human GnRHR

Antigen Species: Human

Gene ID: 2798

Uniprot ID: P30968

Synonyms: LHRHR; luteinizing-releasing hormone receptor; lh-rh; GNRHR1; GH1; GnRH receptor; Gonadotropin releasing hormone receptor; LRHR; luteinizing hormone releasing hormone receptor; gnrh-r; GRHR

Biology Area: Gonadotrophic axis

### Research Background

Gonadotropin Releasing Hormone (GnRH) is down-regulated by hCG and believed to be an autocrine factor that regulates the ovary. The Gonadotropin Releasing Hormone Receptor (GnRHR) is synthesized in the pituitary gland. Activin A has been shown to stimulate the synthesis of GnRHR, illustrating a possible mechanism for the modulation of gonadotropin responsiveness to GnRH.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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