A3000

Leader in Biomolecular Solutions for Life Science

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LHB Rabbit pAb

Catalog No.: A3000 **1 Publications**

Basic Information

Observed MW
18kDa

Calculated MW
15kDa

Category
Mouse Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. The genes for the beta chains of chorionic gonadotropin and for luteinizing hormone are contiguous on chromosome 19q13.3. Mutations in this gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
3972

Swiss Prot
P01229

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 62-141 of human LHB (NP_000885.1).

Synonyms
CGB4; HH23; LSH-B; LSH-beta; LHB

Contact

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Product Information

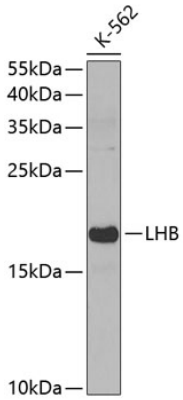
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from K-562 cells, using LHB Rabbit pAb (A3000) at 1:400 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

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