

MaxPab®

LHB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003972-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LHB protein.
Immunogen	LHB (AAI60107.1, 1 a.a. ~ 141 a.a) full-length human protein.
Sequence	MEMLQGLLLLLLLSMGGAWASREPLRPWCHPINAILAVEKEGCPVCITVNTTICAGYCPTMMRVLQ AVLPPLPQVVCTYRDVRFESIRLPGCPRGVDVVSFPVALSCRCGPCRRSTSDCGGPKDHPLT CDHPQLSGLLFL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — LHB

Entrez GeneID	3972
GeneBank Accession#	BC160107.1

Protein Accession#	AAI60107.1
Gene Name	LHB
Gene Alias	CGB4, LSH-B, hLHB
Gene Description	luteinizing hormone beta polypeptide
Omim ID	152780
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	interstitial cell stimulating hormone, beta chain luteinizing hormone beta subunit lutropin, beta chain

Pathway

- [GnRH signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Hypogonadism](#)
- [Infertility](#)
- [Obesity](#)

- [Ovarian Diseases](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)