

FSHB polyclonal antibody

Catalog # PAB8953

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FSHB.
Immunogen	A synthetic peptide corresponding to amino acids 47-84 of human FSHB.
Sequence	IQKTCTFKELVYETVRVPGCAHHADSLYTYPVATQCH
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (1:250) ELISA (1:50000) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Dot Blot

Gene Info — FSHB

Entrez GeneID [2488](#)

Gene Name FSHB

Gene Alias -

Gene Description follicle stimulating hormone, beta polypeptide

Omim ID [136530](#) [229070](#)

Gene Ontology [Hyperlink](#)

Gene Summary The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of a non-identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]

Other Designations follicle-stimulating hormone beta subunit|follicitropin, beta chain

Publication Reference

- [Role of carbohydrates in glycoprotein hormone signal transduction.](#)

Sairam MR.

FASEB Journal 1989 Jun; 3(8):1915.

Application: ELISA, Human, Human placenta

Pathway

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

Disease

- [Acne Vulgaris](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Infertility](#)
- [Menstruation Disturbances](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)