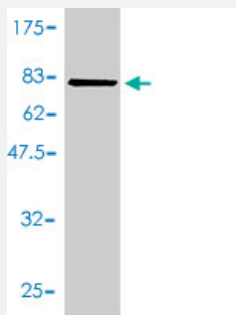


INHBA polyclonal antibody (A01)

Catalog # H00003624-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (72.97 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant INHBA.
Immunogen	INHBA (AAH07858.1, 1 a.a. ~ 426 a.a) full-length recombinant protein with GST tag.
Sequence	MPLLWLRGFLASCWIVRSSPTPGSEGHS AAPDCPSCALAALPKDVPNSQPEMVEAVKKHILN MLHLKKRPDVTQVPVKAALLNAIRKLHVGKVGGENGYVEIEDDIGRRAEMNELMEQTSEITFAESGT ARKTLHFEISKEGSDLSVVERAEVWLFLKVPKANRTRTKVTIRLFQQQKHPQGS LDTGEEAEEVG LKGERSELLLSEKVVDARKSTWHVFPVSSSIQRLLDQGKSSLDVRIACEQCQESGASLVLLGKK KKKEEEGEGKKKGGEAGADEEKEQSHRPFLMLQARQSEDHPHRRRRRGLECDGKVNICC KKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYMRGHSPFANLK SCCVPTKLRPMSMLYYDDGQNIKKDIQNMIVEECGCS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.97 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — INHBA

Entrez GeneID [3624](#)

GeneBank Accession# [BC007858](#)

Protein Accession# [AAH07858.1](#)

Gene Name INHBA

Gene Alias EDF, FRP

Gene Description inhibin, beta A

Omim ID [147290](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The inhibin beta A subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumor-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta A subunit forms a homodimer, activin A, and also joins with a beta B subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. Finally, it has been shown that the beta A subunit mRNA is identical to the erythroid differentiation factor subunit mRNA and that only one gene for this mRNA exists in the human genome. [provided by RefSeq]

Other Designations

FSH-releasing protein|inhibin, beta-1|erythroid differentiation factor|follicle-stimulating hormone-releasing protein|inhibin beta A|inhibin, beta A (activin A, activin AB alpha polypeptide)

Pathway

- [Cytokine-cytokine receptor interaction](#)

- [TGF-beta signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)