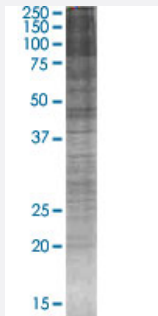


INHBA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003624-T02

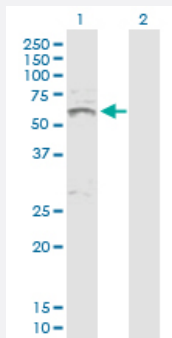
Size 100 uL

Applications



SDS-PAGE Gel

INHBA transfected lysate.



Western Blot

Lane 1: INHBA transfected lysate (47.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-INHBA full-length
Host	Human
Theoretical MW (kDa)	47.4
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-INHBA antibody ([H00003624-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 INHBA transfected lysate.
 Western Blot
 Lane 1: INHBA transfected lysate (47.4 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — INHBA

Entrez GeneID

[3624](#)

GeneBank Accession#

[NM_002192](#)

Protein Accession#

[NP_002183.1](#)

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](#)