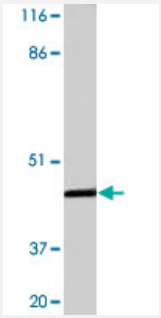
INHA polyclonal antibody

Catalog # PAB8965 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot of INHA polyclonal antibody (Cat # PAB8965) with protein-coupled INHA samples. Antibody dilution at 1:500.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of INHA.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 18-23 of human INHA.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:20000) Dot Blot (1:20000) Western Blot (1:500) Immunohistochemistry (1:200) 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.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot of INHA polyclonal antibody (Cat # PAB8965) with protein-coupled INHA samples. Antibody dilution at 1:500.
- Dot Blot

Gene Info — INHA

Entrez GeneID	3623
Gene Name	INHA
Gene Alias	-
Gene Description	inhibin, alpha
Omim ID	147380
Gene Ontology	Hyperlink
Gene Summary	The inhibin alpha subunit joins either the beta A or beta B subunit to form a pituitary FSH secretio n inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-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 recurr ent disease. However, in prostate cancer, expression of the inhibin alpha-subunit gene was suppr essed and was not detectable in poorly differentiated tumor cells. Furthermore, because expressi on in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, i t is proposed that inhibin may be both a growth/differentiation factor and a hormone. [provided by RefSeq
Other Designations	A-inhibin subunit|inhibin alpha subunit

Publication Reference

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- Inhibin is more specific than calretinin as an immunohistochemical marker for differentiating sarcomatoid granulosa cell tumour of the ovary from other spindle cell neoplasms.

  Shah VI, Freites ON, Maxwell P, McCluggage WG.

  Journal of Clinical Pathology 2003 Mar; 56(3):221.

  Application: IHC-P, Human, Human granulosa cell tumour

- Gonadal and extragonadal expression of inhibin alpha, beta A, and beta B subunits in various tissues predicts diverse functions.

  Meunier H, Rivier C, Evans RM, Vale W.

  PNAS 1988 Jan; 85(1):247.

- Heterodimers and homodimers of inhibin subunits have different paracrine action in the modulation of luteinizing hormone-stimulated androgen biosynthesis.

  Hsueh AJ, Dahl KD, Vaughan J, Tucker E, Rivier J, Bardin CW, Vale W.

  PNAS 1987 Jul; 84(14):5082.

  Application: AFC, RIA, Purified proteins

Disease

- Abortion
- Amenorrhea
- Breast Neoplasms
- Disease Models
- Fragile X syndrome
- Genetic Predisposition to Disease
- Infertility
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms

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- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Testicular Neoplasms
- Thrombophilia
- Tobacco Use Disorder

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