

**Inhibin alpha chain Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3931a****Specification**

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**Inhibin alpha chain Antibody (C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">P05111</a>
Other Accession	<a href="#">NP_002182.1</a> , <a href="#">3623</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	39670

**Inhibin alpha chain Antibody (C-Term) - Additional Information****Gene ID** 3623**Other Names**

Inhibin alpha chain, INHA

**Dilution**

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Inhibin alpha chain Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Inhibin alpha chain Antibody (C-Term) - Protein Information****Name** INHA**Function**

Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins

appear to oppose the functions of activins.

#### **Cellular Location**

Secreted.

#### **Tissue Location**

Originally found in ovary (granulosa cells) and testis (Sertoli cells), but widely distributed in many tissues including brain and placenta. In adrenal cortex expression is limited to the zona reticularis and the innermost zona fasciculata in the normal gland, extending centripetally into the zona fasciculata in hyperplasia. Also found in adrenocortical tumors. Also expressed in prostate epithelium of benign prostatic hyperplasia, in regions of basal cell hyperplasia and in nonmalignant regions of high grade prostate cancer. Only circulating inhibin B is found in male, whereas circulating inhibins A and B are found in female

#### **Inhibin alpha chain Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Inhibin alpha chain Antibody (C-Term) - Images**

#### **Inhibin alpha chain Antibody (C-Term) - References**

Inhibin bodies: a new marker for immature Sertoli cells. Nistal M, Pastroján LG, González-Peramato P, De Miguel MP. Histopathology. 2011 Jun;58(7):1019-27. PMID: 21707703