

INHA polyclonal antibody

Catalog: BS60979

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Inhibin is a gonadal protein that preferentially suppresses the secretion of pituitary follicle-stimulating hormone (FSH). Inhibin comprises two subunits, Inhibin A and Inhibin B. Each subunit consists of the same α subunit, covalently linked to 1 of 2 distinct subunits, β - α or β - β . Originally isolated from ovarian follicular fluid and characterized as a disulphide-linked dimeric glycoprotein, inhibin belongs to the transforming growth factor β (TGF β) superfamily of growth and differentiation factors. TGF β proteins affect a range of tissues and systems beyond their role in reproduction. In addition to their role in endocrine feedback in the reproductive system, inhibins subserve local regulatory roles in numerous extragonadal tissues, including brain, adrenal, bone marrow, placenta and, most notably, anterior pituitary. Inhibin α -subunit gene expression is down regulated in human prostate cancer, suggesting a tumor-suppressive role. The human Inhibin α gene maps to chromosome 2q33-q36.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 40 kDa

Swiss-Prot:

P05111

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:203

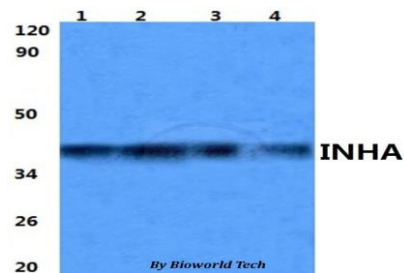
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

INHA polyclonal antibody detects endogenous levels of INHA protein.

DATA:



Western blot (WB) analysis of INHA polyclonal antibody at 1:500 dilution

Lane1:sp2/0 whole cell lysate

Lane2:PC12 whole cell lysate

Lane3:H9C2 whole cell lysate

Lane4:A549 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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