

## INHBB polyclonal antibody

Catalog: BS60965

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The TGF $\beta$  superfamily is composed of numerous growth and differentiation factors, including transforming growth factor  $\beta$  (TGF $\beta$ ) 1, 2 and 3; growth/differentiation factor (GDF) 1 through 8; Mullerian inhibiting substance (MIS); bone morphogenic protein (BMP) 2 through 8; glial cell line-derived neurotrophic factor (GDNF); Inhibins ( $\alpha$ ,  $\beta$ -A,  $\beta$ -B and  $\beta$ -C), Lefty and Nodal. Members of the TGF $\beta$  superfamily are involved in embryonic development and adult tissue homeostasis. Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins and activins are involved in regulating a number of 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. Activins oppose the functions of Inhibins. Inhibins are predominantly expressed in liver, uterus and ovary tissue. Inhibin A, a dimer of  $\alpha$  and  $\beta$ -A, and Inhibin B, a dimer of  $\alpha$  and  $\beta$ -B, have been shown to inhibit the secretion of follicle stimulating hormone. Inhibin  $\beta$ -C forms a homodimer and its expression is predominant in adult liver.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 45 kDa

### Swiss-Prot:

P09529

### 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

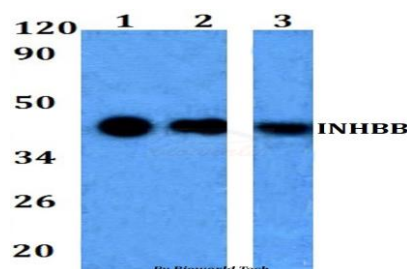
### Storage&Stability:

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

### Specificity:

INHBB polyclonal antibody detects endogenous levels of INHBB protein.

### DATA:



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

Lane 1: HEK293T whole cell lysate

Lane 2: Raw264.7 whole cell lysate

Lane 3: H9C2 whole cell lysate

### Note:

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

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