

## Rabbit anti-Human Inhibin beta B Polyclonal Antibody

Anti-Inhibin beta B Antibody, Rabbit Polyclonal

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA258763</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

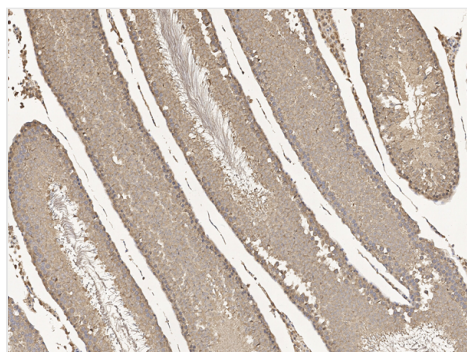
### PRODUCT SYNONYMS

Inhibin beta B; Polyclonal Antibody; Anti-Inhibin beta B Antibody; Rabbit Polyclonal; inhibin beta B; Anti-INHBB Antibody; Anti-MGC157939 Antibody; anti-Inhibin beta B antibody

### PRODUCT SPECIFICATIONS

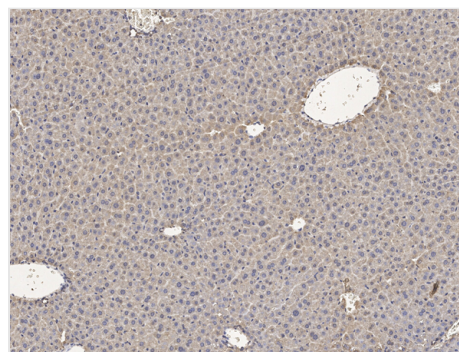
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|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                     | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                               | Human                                                                                                                                                                                                                                                                 |
| Clonality                                                | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                                  | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                              | Human Inhibin beta B                                                                                                                                                                                                                                                  |
| Purity/Purification                                      | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                              | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-Inhibin beta B antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                            |
| Immunogen                                                | A synthetic peptide corresponding to the N-terminus of the Human Inhibin beta B                                                                                                                                                                                       |
| Preparation                                              | Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Inhibin beta B, and purified by antigen affinity chromatography.                                                                                                  |
| Preparation and Storage                                  | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. |

### IMAGES



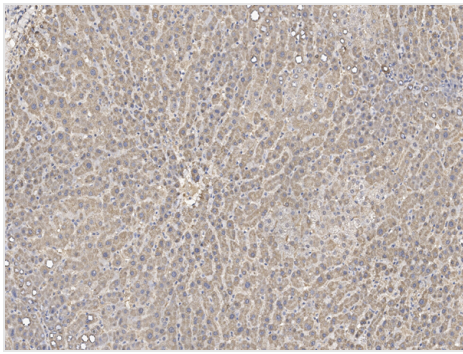
#### IHC (Immunohistochemistry)

Immunochemical staining of rat BB in rat testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



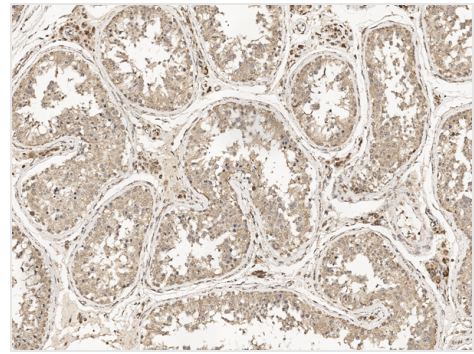
#### IHC (Immunohistochemistry)

Immunochemical staining of Mouse INHBB in Mouse liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



#### IHC (Immunohistochemistry)

Immunochemical staining of human INHBB in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



#### IHC (Immunohistochemistry)

Immunochemical staining of human INHBB in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

## ADDITIONAL INFORMATION

### Related Product Information for anti-Inhibin beta B antibody

Activin and inhibin are two closely related protein complexes that have almost directly opposite biological effects. The activin and inhibin protein complexes are both dimeric in structure, and, in each complex, the two monomers are linked to one another by a single disulfide bond. Activin is composed of two beta subunits, betaA betaA (activin A), betaB betaB (activin B), or betaA betaB (activin AB). Inhibin is composed of an alpha and one of two beta subunits, betaA (inhibin A) or betaB (inhibin B). Activins are produced in many cell types and organs, such as gonads, pituitary gland, and placenta. In the ovarian follicle, activin increases FSH binding and FSH-induced aromatization. It participates in androgen synthesis enhancing LH action in the ovary and testis. In the male, activin enhances spermatogenesis. Also, Activin plays a role in wound repair and skin morphogenesis. Activin is strongly expressed in wounded skin, and overexpression of activin in the epidermis of transgenic mice improves wound healing and enhances scar formation. Activin also regulates the morphogenesis of branching organs such as the prostate, lung, and kidney. There is also evidence showed that lack of activin during development results in neural developmental defects.

### References

Feng ZM, et al. (1989) Characterization and regulation of testicular inhibin beta-subunit mRNA. *Mol Endocrinol.* 3 (6): 939-48. Bernard DJ, et al. (2002) Inhibin binding protein (InhBP/p120), betaglycan, and the continuing search for the inhibin receptor. *Mol Endocrinol.* 16 (2): 207-12. Lejeune H, et al. (1997) Stimulating effect of both human recombinant inhibin A and activin A on immature porcine Leydig cell functions in vitro. *Endocrinology.* 138 (11): 4783-91.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/inhibin-beta-b-antibody-immunohistochemistry-elisa/258763>