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Anti-INHBB / Inhibin Beta B Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18488

Product Information

Application	WB, IHC-P
Primary Accession	P09529
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Sheep, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45122
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	3625
Alias Symbol	INHBB
Other Names	INHBB, Activin beta-B chain, Activin AB beta polypeptide, Inhibin, beta B, Inhibin Beta B, Inhibin beta B chain, Inhibin, beta-2
Target/Specificity	Recognizes endogenous levels of Inhibin beta B protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-INHBB / Inhibin Beta B Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	INHBB
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. Inhibin B is a dimer of alpha and beta-B that plays a crucial role in the regulation of the reproductive system by inhibiting the secretion of follicle-stimulating hormone (FSH) from the anterior pituitary gland. Thereby, maintains reproductive homeostasis in both males and females. Acts as a more potent suppressor of FSH release than inhibin A (By similarity). Functions as competitive receptor antagonist binding activin type II receptors with high affinity in the presence of the TGF-beta type III coreceptor/TGFBR3L (By

similarity).

Cellular Location Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.