

Rabbit anti-Human, Mouse Inhibin beta-C Polyclonal Antibody | anti-INHBC antibody

Inhibin beta-C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327527	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

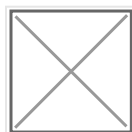
PRODUCT SYNONYMS

Inhibin beta-C; Polyclonal Antibody; Inhibin beta-C Antibody; Activin beta C chain; Activin beta-C chain; IHBC; Inhbc; INHBC_HUMAN; Inhibin beta C chain; Inhibin; beta C; anti-INHBC antibody

PRODUCT SPECIFICATIONS

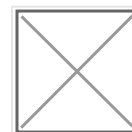
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Inhibin beta-C antibody detects endogenous levels of total Inhibin beta-C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	352
Applicable Applications for anti-INHBC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Inhibin beta-C
Subcellular Location	Secreted.
Tissue Specificity	Expressed in benign prostatic hyperplasia.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis Inhibin beta-C using 293 whole cell lysates



IHC (Immunohistochemistry)

AAA327527 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-INHBC antibody	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. Subunit Structure: Homodimeric or heterodimeric through association with alpha and beta subunits, linked by one or more disulfide bonds. Inhibins are heterodimers of one alpha and one beta subunit. Activins are homo- or heterodimers of beta subunits only (By similarity). Similarity: Belongs to the TGF-beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031795
NCBI GeneID	3626
NCBI Accession #	NP_005529.1
NCBI GenBank Nucleotide #	NM_005538.3
UniProt Accession #	P55103; A1L3Y2
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	inhibin beta C chain preproprotein
NCBI Official Synonym Full Names	inhibin subunit beta C
NCBI Official Symbol	INHBC
NCBI Official Synonym Symbols	IHBC
NCBI Protein Information	inhibin beta C chain
UniProt Protein Name	Inhibin beta C chain
UniProt Gene Name	INHBC

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.