Inhibin Beta-C (INHBC) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Inhibin beta-C (INHBC), Polyclonal Antibody
Full Product Name	Inhibin beta-C Conjugated Antibody
Product Gene Name	anti-INHBC antibody
Product Synonym Names	INHBC; Activin beta-C chain; IHBC; Inhibin; beta C; Inhibin beta c chain
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	Inhibin-beta-C antibody detects endogenous levels of total Inhibin-beta-C
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	38,238 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (57828543..57844609). Location: 12q13.1
OMIM	601233
3D Structure	ModBase 3D Structure for P55103
Immunogen	A synthesized peptide derived from human Inhibin beta-C
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-INHBC antibody	Most Applications
Application Notes for anti-INHBC antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-INHBC antibody	MBS9453311 is an antibody targeting INHBC. Also known as Inhibin beta-C Conjugated Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-INHBC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for INHBC. It may not necessarily be applicable to this product.

NCBI GI #	5031795
NCBI GeneID	3626
NCBI Accession #	NP_005529.1
UniProt Primary Accession #	P55103
UniProt Secondary Accession #	A1L3Y2
UniProt Related Accession #	P55103
GenBank Nucleotide #	NM_005538.2
NCBI Official Full Name	inhibin beta C chain preproprotein
NCBI Official Synonym Full Names	inhibin, beta C
NCBI Official Symbol	INHBC
NCBI Official Synonym Symbols	IHBC
UniProt Protein Name	Inhibin beta C chain
UniProt Synonym Protein Names	Activin beta-C chain
Protein Family	Inhibin
UniProt Gene Name	INHBC
UniProt Entry Name	INHBC_HUMAN
NCBI Protein Information	inhibin beta C chain; activin beta-C chain
NCBI Summary for INHBC	This gene encodes the beta C chain of inhibin, a member of the TGF-beta superfamily. This subunit forms heterodimers with beta A and beta B subunits. Inhibins and activins, also members of the TGF-beta superfamily, are hormones with opposing actions and are involved in hypothalamic, pituitary, and gonadal hormone secretion, as well as growth and differentiation of various cell types. [provided by RefSeq, Jul 2008]
UniProt Comments for INHBC	INHBC: 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. Belongs to the TGF-beta family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 12q13.1 Cellular Component: extracellular space; extracellular region Molecular Function: growth factor activity; hormone activity; cytokine activity; transforming growth factor beta receptor binding Biological Process: regulation of apoptosis; regulation of MAPKKK cascade; cell development; growth
Research Articles on INHBC	**1.** Single Nucleotide Polymorphisms in INHBC gene is associated with brain metastasis in non-small-cell lung cancer
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