INHBB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	INHBB, Polyclonal Antibody
Full Product Name	INHBB Rabbit pAb
Product Gene Name	anti-INHBB antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	45kDa
OMIM	147390
3D Structure	ModBase 3D Structure for P09529
Immunogen	Synthetic peptide of human INHBB
Cellular Localization	Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-INHBB antibody	Western Blot (WB)
Application Notes for anti-INHBB antibody	WB: 500-2000
Related Product Information for anti-INHBB antibody	The inhibin beta B subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone.
Other Notes	Small volumes of anti-INHBB 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.
Searchable Terms for INHBB purchase	MBS8537933 is an antibody targeting INHBB. Also known as INHBB Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	154813204
NCBI GeneID	3625

NCBI Accession #	NP_002184.2
UniProt Primary Accession #	P09529
UniProt Related Accession #	P09529
GenBank Nucleotide #	NP_002184.2
NCBI Official Full Name	inhibin beta B chain preproprotein
NCBI Official Synonym Full Names	inhibin subunit beta B
NCBI Official Symbol	INHBB
UniProt Protein Name	Inhibin beta B chain
UniProt Synonym Protein Names	Activin beta-B chain
Protein Family	Inhibin
UniProt Gene Name	INHBB
UniProt Entry Name	INHBB_HUMAN
NCBI Protein Information	inhibin beta B chain
NCBI Summary for INHBB	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. Polymorphisms near this gene are associated with pre-eclampsia in female human patients. [provided by RefSeq, Aug 2016]
UniProt Comments for INHBB	INHBB: 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: Cell development/differentiation; Secreted; Secreted, signal peptide; Cytokine Chromosomal Location of Human Ortholog: 2cen-q13 Cellular Component: extracellular space; perinuclear region of cytoplasm; extracellular region Molecular Function: protein binding; protein homodimerization activity; growth factor activity; hormone activity; cytokine activity; transforming growth factor beta receptor binding; host cell surface receptor binding Biological Process: fat cell differentiation; activin receptor signaling pathway; defense response; negative regulation of hepatocyte growth factor biosynthetic process; cellular response to starvation; negative regulation of insulin secretion; negative regulation of follicle-stimulating hormone secretion; regulation of apoptosis; cellular response to insulin stimulus; ovarian follicle development; response to mechanical stimulus; regulation of MAPKKK cascade; positive regulation of follicle-stimulating hormone secretion; cell differentiation; cell development; oocyte development; growth
Research Articles on INHBB	**1.** three novel MD loci were identified (at P < 5 x 10(- 8)): one for percent dense volume (HABP2) and two for the absolute dense volume (INHBB, LINC01483). INHBB is an established locus for ER-negative breast cancer, and HABP2 and LINC01483 represent putative new breast cancer susceptibility loci
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