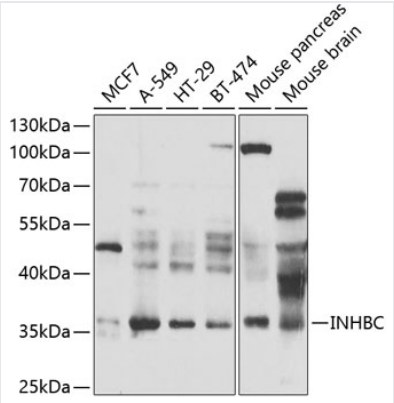
INHBC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	INHBC, Polyclonal Antibody
Full Product Name	INHBC Rabbit Polyclonal Antibody
Product Gene Name	anti-INHBC antibody
Product Synonym Names	INHBC; IHBC
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
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	Recombinant fusion protein of human INHBC (NP_005529.1).
Product Categories/Family for anti-INHBC antibody	Primary Antibody
Applications Tested/Suitable for anti-INHBC antibody	Western Blot (WB)
Application Notes for anti-INHBC antibody	WB: 1:500-1:2000
Related Product Information for anti-INHBC antibody	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 homodimeric and heterodimeric activin complexes. The heterodimeric complex may function in the inhibition of activin A signaling. Transgenic mice overexpressing this gene exhibit defects in testis, liver and prostate.
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.
Searchable Terms for INHBC purchase	MBS9466282 is an antibody targeting INHBC. Also known as INHBC Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-INHBC antibody
Western blot analysis of extracts of various cell lines, using INHBC antibody.

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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