# Inhibin Beta E (INHbE) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Inhibin Beta E (INHbE), Polyclonal Antibody |
| **Full Product Name** | APC/CY7-Linked Polyclonal Antibody to Inhibin Beta E (INHbE) |
| **Product Gene Name** | anti-INHbE antibody |
| **Product Synonym Names** | INH-bE; Activin beta-E chain |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Mouse |
| **Concentration** | >=100ug/ml (lot specific) |
| **Matching Pairs** | Unconjugated Antibody: INHbE (MBS2026864)<br>APC-CY7 Conjugated Antibody: INHbE (MBS2035947) |
| **Matching Pairs** | APC-CY7 Conjugated Antibody: INHbE (MBS2035947)<br>Immunogen: INHbE (MBS2029641) |
| **Molecular Weight** | 38,561 Da |
| **OMIM** | AF412024 mRNA |
| **3D Structure** | ModBase 3D Structure for P58166 |
| **Supply Chain Verification** | Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire. |
| **Immunogen** | INHbE (Ser102~Val344) |
| **Conjugation** | APC-Cy7 |
| **Cross Reactivity** | Mouse |
| **Unconjugated Antibody** | The unconjugated antibody version of this item is also available as catalog #MBS2026864 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory. |
| **Applications Tested/Suitable for anti-INHbE antibody** | Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA) |
| **Related Product Information for anti-INHbE antibody** | MBS2035947 is an antibody targeting INHbE. Also known as APC/CY7-Linked Polyclonal Antibody to Inhibin Beta E (INHbE). Reactive in Mouse. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-INHbE 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 INHbE. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 13899338 |
| **NCBI GeneID** | 83729 |
| **NCBI Accession #** | NP_113667.1 |

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| **UniProt Primary Accession #** | P58166 |
| **UniProt Related Accession #** | P58166 |
| **GenBank Nucleotide #** | NM_031479.4 |
| **NCBI Official Full Name** | inhibin beta E chain preproprotein |
| **NCBI Official Synonym Full Names** | inhibin beta E subunit |
| **NCBI Official Symbol** | INHBE |
| **UniProt Protein Name** | Inhibin beta E chain |
| **UniProt Synonym Protein Names** | Activin beta-E chain |
| **Protein Family** | Inhibin |
| **UniProt Gene Name** | INHBE |
| **NCBI Protein Information** | inhibin beta E chain |
| **NCBI Summary for INHbE** | This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate an inhibin beta subunit. Inhibins have been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. This gene may be upregulated under conditions of endoplasmic reticulum stress, and this protein may inhibit cellular proliferation and growth in pancreas and liver. [provided by RefSeq, Sep 2016] |
| **UniProt Comments for INHbE** | INHBE: 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.<br><br>Protein type: Secreted; Secreted, signal peptide<br><br>Chromosomal Location of Human Ortholog: 12q13.3<br><br>Cellular Component: extracellular space<br><br>Molecular Function: cytokine activity; transforming growth factor beta receptor binding<br><br>Biological Process: cell development; regulation of apoptosis; regulation of MAPKKK cascade |
| **Research Articles on INHbE** | **1.** Activin A, B, and AB have similar effects on steroidogenesis in human granulosa cells; in contrast, activin AC is not biologically active and does not act as a competitive antagonist. |
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