Anti-Inhibin beta A antibody ab56057

Overview

**Product name**  Anti-Inhibin beta A antibody

**Description**  Rabbit polyclonal to Inhibin beta A

**Host species**  Rabbit

**Tested applications**  Suitable for: ELISA, IHC-P, WB, ICC/IF

**Species reactivity**  Reacts with: Human, Recombinant fragment

**Immunogen**  Synthetic peptide corresponding to Human Inhibin beta A (N terminal). A synthetic peptide corresponding to N-terminal residues of human INHBA (Inhibin beta A chain precursor).

**Database link:** P08476

Properties

**Form**  Liquid

**Storage instructions**  Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**Storage buffer**  Preservative: 0.01% Sodium azide
Constituents: 50% Glycerol, PBS

**Purity**  Immunogen affinity purified

**Clonality**  Polyclonal

**Isotype**  IgG

Applications

Our **Abpromise guarantee** covers the use of ab56057 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-P</td>
<td>★★★★★</td>
<td>1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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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.

Sequence similarities
Belongs to the TGF-beta family.

Cellular localization
Secreted.

Images

Observed band size: 50 kDa
why is the actual band size different from the predicted?

Exposure time: 5 minutes
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Inhibin beta A antibody (ab56057)
This image is courtesy of an Abreview submitted by Francesco Elia Marino
ab56057 staining Inhibin in human testicular cancer (seminoma) tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with Bouin's solution and blocked for 20 minutes at 26°C; antigen retrieval was by heat mediation in a sodium citrate buffer. Samples were incubated with primary antibody (1/500) for 16 hours at 4°C. An undiluted HRP-conjugated mouse anti-rabbit IgG polyclonal was used as the secondary antibody.

Immunocytochemistry/Immunofluorescence - Anti-Inhibin beta A antibody (ab56057)
This image is courtesy of an Abreview submitted by Francesco Elia Marino
ab56057 staining Inhibin beta A in human COV434 cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with formaldehyde, permeablized with ethanol and blocked for 3 hours at 26°C. Samples were incubated with primary antibody (1/100 in blocking buffer) for 1 hour at 21°C. A IRDye® 800CW-conjugated goat anti-rabbit IgG (H+L) polyclonal (1/15000) was used as the secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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