



# Inhibin $\beta$ -C Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-15941
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	INHBC
<b>Protein Name</b>	Inhibin beta C chain
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Inhibin beta-C. AA range:80-129
<b>Specificity</b>	Inhibin $\beta$ -C Polyclonal Antibody detects endogenous levels of Inhibin $\beta$ -C protein
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	INHBC; Inhibin beta C chain; Activin beta-C chain
<b>Observed Band</b>	30kD
<b>Cell Pathway</b>	Secreted .
<b>Tissue Specificity</b>	Expressed in benign prostatic hyperplasia.
<b>Function</b>	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.,similarity:Belongs to the TGF-beta family.,subunit:Homodimeric or heterodimeric through association with alpha and beta subunits, linked by one or more disulfide bonds. Inhibins are heterodimers of one alpha and one beta subunit. Activins are homo- or heterodimers of beta subunits only.,tissue specificity:Expressed in benign prostatic hyperplasia.,
<b>Background</b>	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. [provided by RefSeq, Aug 2016],

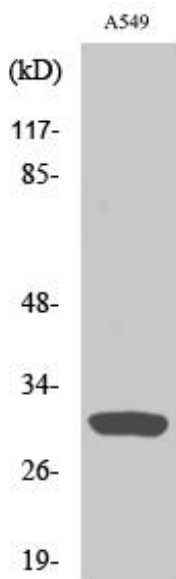
**matters needing attention**

Avoid repeated freezing and thawing!

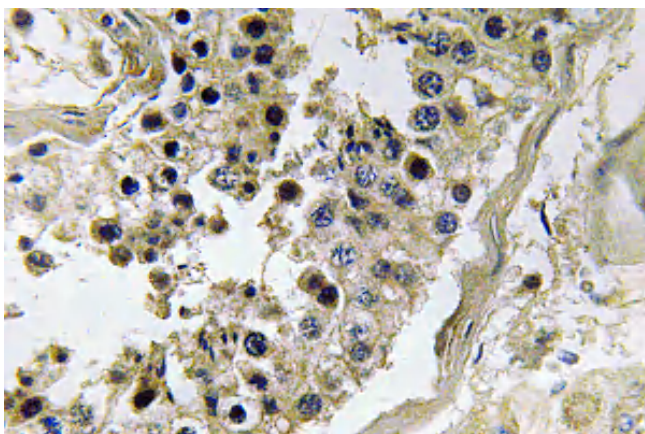
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

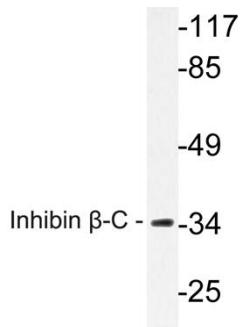
**Products Images**



Western Blot analysis of various cells using Inhibin  $\beta$ -C Polyclonal Antibody



Immunohistochemistry analysis of Inhibin  $\beta$ -C antibody in paraffin-embedded human testis tissue.



Western blot analysis of lysate from A549 cells, using Inhibin  $\beta$ -C antibody.