Rabbit Inhibin beta A Polyclonal Antibody | anti-INHBA antibody

Inhibin beta A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA107639	**Rabbit**	**Human; Predicted: Mouse, Rat, Cat, Pig, Chicken, Sheep, Bovine**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence**

PRODUCT SYNONYMS

Inhibin beta A; Polyclonal Antibody; Inhibin beta A antibody; Polyclonal Inhibin beta A; Anti-Inhibin beta A; FSH-releasing protein; follicle-stimulating hormone-releasing protein; erythroid differentiation factor; inhibin beta A (activin A activin AB alpha polypeptide); INHBA; FRP; inhibin beta A chain; EDF; activin beta-A chain; anti-INHBA antibody

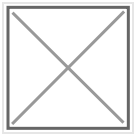
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Predicted: Mouse, Rat, Cat, Pig, Chicken, Sheep, Bovine
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Inhibin beta A antibody was purified by antigen-affinity chromatography
Form/Format	Liquid in 0.1M PBS , 20% Glycerol, pH7, with 0.025% Proclin 300 as preservative
Concentration	0.66 mg/ml (varies by lot)
Sequence Length	239
Applicable Applications for anti-INHBA antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	The inhibin beta A 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 tumor-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. Furthermore, the beta A subunit forms a homodimer, activin A, and also joins with a beta B subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. Finally, it has been shown that the beta A subunit mRNA is identical to the erythroid differentiation factor subunit mRNA and that only one gene for this mRNA exists in the human genome.
Immunogen	Synthetic peptide corresponding to a region within amino acids 362 and 426 of Inhibin beta A, conjugated to a carrier protein.
Preparation and Storage	Keep as concentrated solution. Upon receipt, aliquot and store at -20°C.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical staining of paraffin-embedded CLEAR CELL OVCA xenograft using Inhibin beta A antibody at a dilution of 1:500

WB (Western Blot)
Western blot analysis of 30 ug whole cell lysate (A:H1299; B:HeLa S3; C:Hep G2) using a 10 % SDS PAGE gel and Inhibin beta A antibody at a dilution of 1:1000



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Inhibin beta-A antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-INHBA antibody	Affinity purified Rabbit polyclonal Inhibin beta A antibody
Product Categories/Family for anti-INHBA antibody	DNA & RNA; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	403065393
Molecular Weight	47 kDa
NCBI Official Full Name	inhibin beta A, partial
UniProt Protein Name	Inhibin beta A
UniProt Gene Name	**INHBA**
UniProt Entry Name	K4HH04_9SAUR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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