

Rabbit Inhibin beta A Polyclonal Antibody | anti-INHBA antibody

Inhibin beta A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323107	Rabbit	Human, Mouse.	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Inhibin beta A; Polyclonal Antibody; Inhibin beta A Antibody; Activin beta-A chain; EDF; Erythroid differentiation factor; Erythroid differentiation protein; Follicle stimulating hormone releasing protein; FRP; FSH releasing protein; INHBA; INHBA_HUMAN; Inhibin beta A chain; Inhibin beta A subunit; Inhibin; beta 1; beta A (activin A; activin AB alpha polypeptide); anti-INHBA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse.
Clonality	Polyclonal
Isotype	IgG
Specificity	Inhibin beta A antibody detects endogenous levels of Inhibin beta A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	426
Applicable Applications for anti-INHBA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Inhibin beta A, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323107 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323107 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA323107 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from A549, using Inhibin beta A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-INHBA antibody

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.

Subunit Structure: Dimeric, linked by one or more disulfide bonds. Inhibin A is a dimer of alpha and beta-A. Inhibin B is a dimer of alpha and beta-B. Activin A is a homodimer of beta-A. Activin B is a homodimer of beta-B. Activin AB is a dimer of beta-A and beta-B. Interacts with FST and FSTL3.

Similarity: Belongs to the TGF-beta family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504699
NCBI GeneID	3624
NCBI Accession #	NP_002183.1
NCBI GenBank Nucleotide #	NM_002192.3
UniProt Accession #	P08476; Q14599
Molecular Weight	47 kDa
NCBI Official Full Name	inhibin beta A chain preproprotein
NCBI Official Synonym Full Names	inhibin subunit beta A
NCBI Official Symbol	INHBA
NCBI Official Synonym Symbols	EDF; FRP
NCBI Protein Information	inhibin beta A chain
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	INHBA
UniProt Synonym Gene Names	EDF

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/inhibin-beta-a-antibody-immunohistochemistry-western-blot-elisa/323107>