Datasheet for ABIN952902

anti-INHBA antibody (N-Term)

4 Images

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Overview

Quantity:	0.4 mL
Target:	INHBA
Binding Specificity:	AA 92-119, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INHBA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This INHBA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-119 amino acids from the N-terminal region of human INHBA.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to INHBA.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat, BovineSpecies reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	INHBA

Target Details

Alternative Name:	Inhibin beta A Chain (INHBA) (INHBA Products)
Background:	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.Synonyms: Activin A, Activin BA, Activin beta-A chain, Erythroid differentiation protein
Molecular Weight:	47442 Da
Gene ID:	3624
NCBI Accession:	NP_002183
Pathways:	Hormone Transport, Peptide Hormone Metabolism, Hormone Activity, Negative Regulation of Hormone Secretion, Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

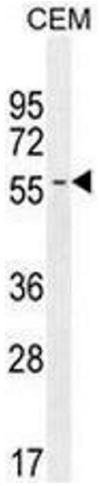
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

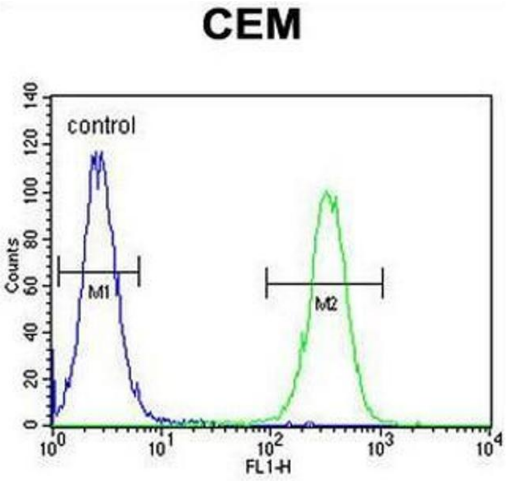
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to -80 °C for longer.

Images



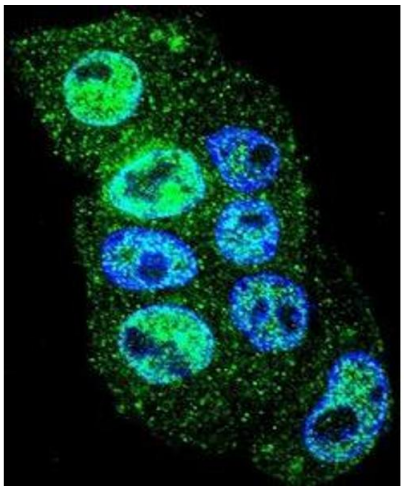
Western Blotting

Image 1. INHBA Antibody (N-term) western blot analysis in CEM cell line lysates (35µg/lane).This demonstrates the INHBA antibody detected the INHBA protein (arrow).



Flow Cytometry

Image 2. INHBA Antibody (N-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of INHBA Antibody (N-term)(Cat#AP52211PU-N) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN952902.