

Datasheet for ABIN2464073

anti-Inhibin alpha antibody (truncated)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mg
Target:	Inhibin alpha (INHA)
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Inhibin alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant INHA expressed in E. Coli strain BL21 (DE3).
Clone:	4A2A9-4A2F7-4A2F2
Isotype:	IgG1
Purification:	Antibody is purified by protein A affinity chromatography.

Target Details

Target:	Inhibin alpha (INHA)
Alternative Name:	INHA (INHA Products)
Background:	INHA(A-inhibin subunit precursor, inhibin alpha subunit),also called inhibin(alpha) ,which is located on chromosome 2q33-q36. Inhibin is a gonadal protein that preferentially suppresses

Target Details

the secretion of pituitary follicle-stimulating hormone (FSH). Inhibin comprises of two subunits, Inhibin A and B. 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. In addition to their role in endocrine feedback in the reproductive system, inhibins subserve local regulatory roles in numerous extragonadal tissues, including brain, adrenal, bone marrow, placenta, and most notably anterior pituitary. Inhibin alpha subunit gene expression is down regulated in human prostate cancer, suggesting a tumor suppressive role.

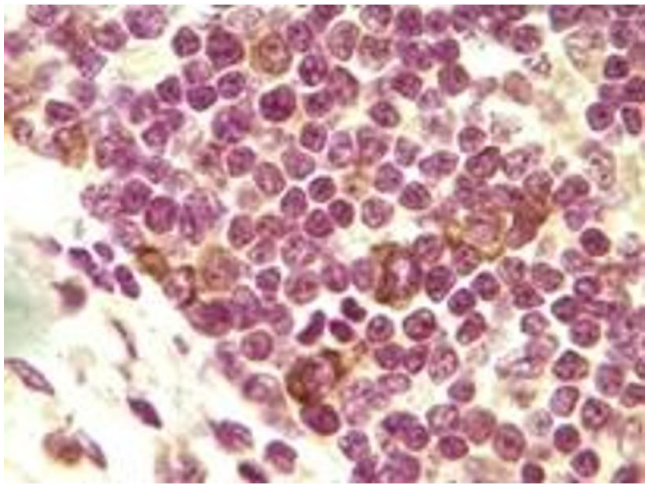
Gene ID:	3623
UniProt:	P05111
Pathways:	Peptide Hormone Metabolism , Hormone Activity , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Western Blot: 1:500 - 1:1,000 IHC(P): 1:1,000 - 1:2,000 ELISA: Proposed dilution 1:10,000 Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

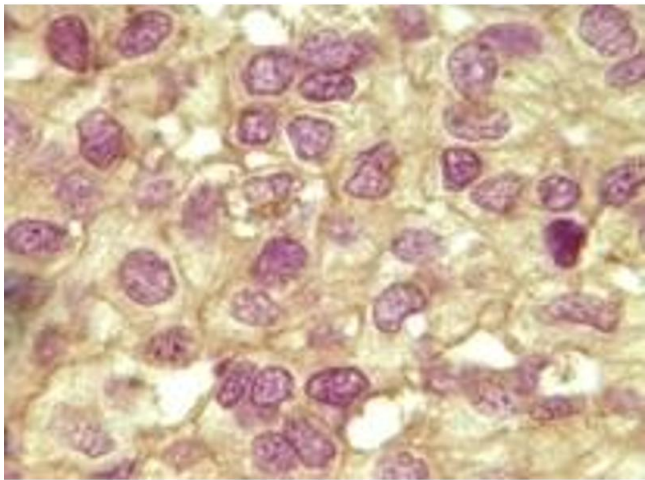
Handling

Buffer:	Purified antibody in PBS containing 0.03 % 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:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	INHA(Inhibin alpha) monoclonal antibody can be stored at -20 °C, stable for one year.



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.