

Product datasheet for **TA335848**

Inhibin alpha (INHA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-INHA Antibody: synthetic peptide directed towards the N terminal of human INHA. Synthetic peptide located within the following region: GLAQEAEEGLFRYMFRRPSQHTRSRQVTSACLWFHTGLDRQGTAASNSSEP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	inhibin alpha subunit
Database Link:	NP_002182 Entrez Gene 3623 Human P05111



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Background:

INHA joins either the beta A or beta B subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-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. However, in prostate cancer, expression of the inhibin alpha-subunit gene was suppressed and was not detectable in poorly differentiated tumor cells. Furthermore, 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. The inhibin alpha subunit joins either the beta A or beta B subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-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. However, in prostate cancer, expression of the inhibin alpha-subunit gene was suppressed and was not detectable in poorly differentiated tumor cells. Furthermore, 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

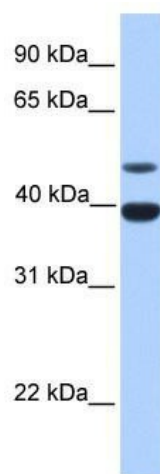
A-inhibin subunit; alpha; inhibin; inhibin alpha subunit

Note:

Immunogen Sequence Homology: Pig: 100%; Goat: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Rat: 93%; Horse: 93%; Dog: 86%; Mouse: 86%; Yeast: 79%; Rabbit: 79%

Protein Families:

Druggable Genome, Secreted Protein

Product images:

WB Suggested Anti-INHA Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Liver