

Product datasheet for **TA330344**

14 3 3 eta (YWHAH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-YWHAH antibody: synthetic peptide directed towards the N terminal of human YWHAH. Synthetic peptide located within the following region: ADGNEKKLEKVKAYREKIEKELETVCNDVLSLLDKFLIKNCNDFQYESKV
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta
Database Link:	NP_003396 Entrez Gene 7533 Human Q04917



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Background:

The YWHAH gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat has been associated with early-onset schizophrenia. This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat has been associated with early-onset schizophrenia. 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:

YWHA1

Note:

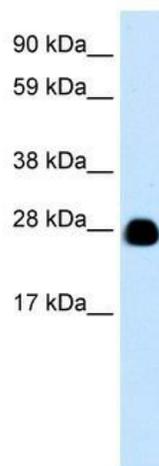
Immunogen sequence homology: Chicken: 100%; Dog: 100%; Human: 100%; Rabbit: 100%; African clawed frog: 93%; Zebrafish: 78%

Protein Families:

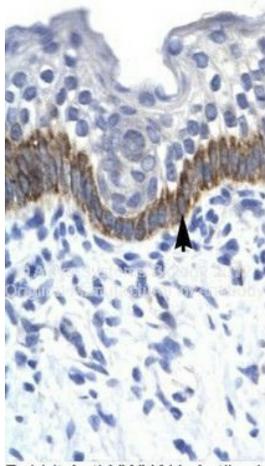
Druggable Genome, Transcription Factors

Protein Pathways:

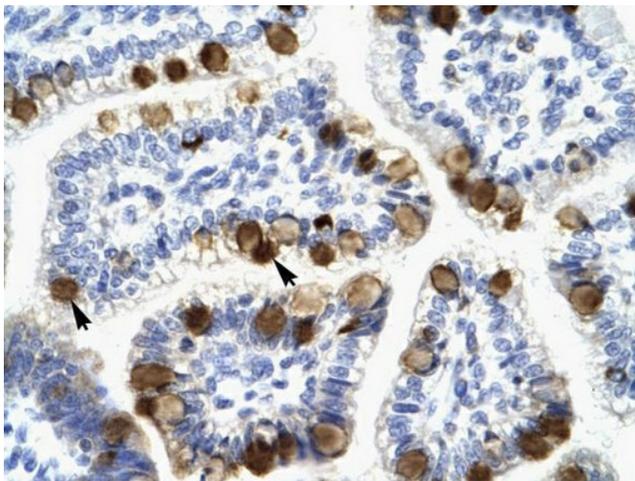
Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

Product images:

WB Suggested Anti-YWHAH Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
Human brain



IHC Suggested Anti-YWHAH Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control:
Human brain



Human Intestine