

## Product datasheet for **TA329295**

### YY1 associated factor 2 (YAF2) 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-YAF2 antibody: synthetic peptide directed towards the middle region of human YAF2. Synthetic peptide located within the following region: KGTSTRKPRPVSQQLVAQQVTQQFVPPTQSKKEKKDKVEKEKSEKETTSKK
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:	20 kDa
Gene Name:	YY1 associated factor 2
Database Link:	<a href="#">NP_005739</a> <a href="#">Entrez Gene 10138 Human</a> <a href="#">Q8IY57</a>



[View online »](#)

**Background:**

YAF2 interacts with YY1, a zinc finger protein involved in negative regulation of muscle-restricted genes. YAF2 contains a single N-terminal C2-X10-C2 zinc finger, and in contrast to YY1, is up-regulated during myogenic differentiation. It also facilitates proteolytic cleavage of YY1 by the calcium- activated protease, m-calpain, suggesting a mechanism by which this protein antagonizes the negative effect of YY1. The protein encoded by this gene interacts with YY1, a zinc finger protein involved in negative regulation of muscle-restricted genes. This gene product itself contains a single N-terminal C2-X10-C2 zinc finger, and in contrast to YY1, is up-regulated during myogenic differentiation. It also facilitates proteolytic cleavage of YY1 by the calcium- activated protease, m-calpain, suggesting a mechanism by which this protein antagonizes the negative effect of YY1. Multiple transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two have been confirmed to date.

**Synonyms:**

DKFZp779H1820; MGC41856

**Note:**

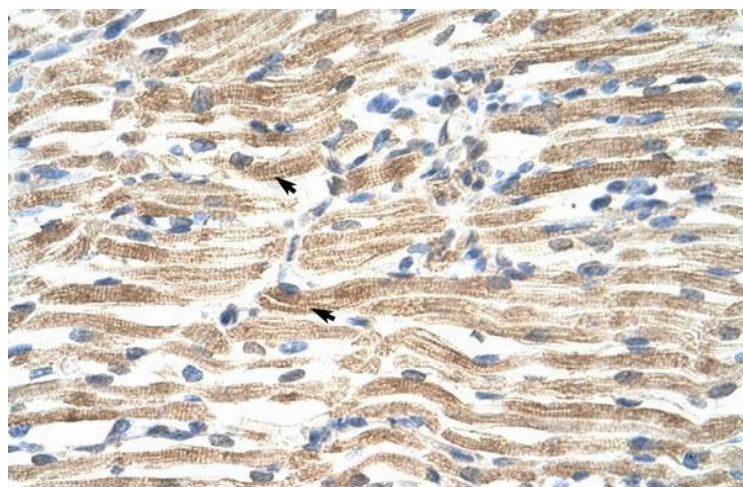
Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Mouse: 86%

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

WB Suggested Anti-YAF2 Antibody Titration:  
1.25ug/ml; ELISA Titer: 1:62500; Positive Control:  
Jurkat cell lysate



Human Muscle