

Product datasheet for TA331108

OriGene Technologies, Inc.

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YY1 associated factor 2 (YAF2) 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-YAF2 antibody: synthetic peptide directed towards the middle region

of human YAF2. Synthetic peptide located within the following region: TQSKKEKKDKVEKEKSEKETTSKKNSHKKTRPRLKNVDRSSAQHLEVTVG

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

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: NP 005739

Entrez Gene 10138 Human

Q8IY57



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.

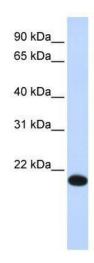
Synonyms: DKFZp779H1820; MGC41856

Note: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Guinea pig:

100%; Rabbit: 93%; Mouse: 79%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-YAF2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Liver