

Anti-YAF2 Antibody

Catalog # AP50725

Product Information

Application	WB
Primary Accession	Q8IY57
Reactivity	Human, Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19901

Additional Information

Gene ID	10138
Other Names	YY1-associated factor 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human YAF2. The exact sequence is proprietary.
Dilution	WB~~ 1:500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

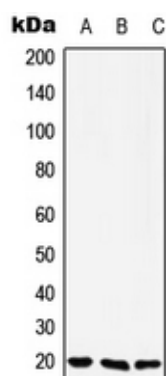
Protein Information

Name	YAF2
Function	Binds to MYC and inhibits MYC-mediated transactivation. Also binds to MYCN and enhances MYCN-dependent transcriptional activation. Increases calpain 2-mediated proteolysis of YY1 in vitro. Component of the E2F6.com-1 complex, a repressive complex that methylates 'Lys-9' of histone H3, suggesting that it is involved in chromatin-remodeling.
Cellular Location	Nucleus.

References

Kalenik J.L.,et al.Nucleic Acids Res. 25:843-849(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of YAF2 expression in Jurkat (A), Raw264.7 (B), H9C2 (C) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 19 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.