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YY2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13666b

Product Information

Application	WB, E
Primary Accession	O15391
Other Accession	NP_996806.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33403
Calculated MW	41347
Antigen Region	224-253

Additional Information

Gene ID	404281
Other Names	Transcription factor YY2, Yin and yang 2, YY-2, Zinc finger protein 631, YY2, ZNF631
Target/Specificity	This YY2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-253 amino acids from the C-terminal region of human YY2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	YY2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	YY2
Synonyms	ZNF631
Function	Functions as a multifunctional transcription factor that may exhibit positive

	and negative control on a large number of genes. May antagonize YY1 and function in development and differentiation.
Cellular Location	Nucleus.
Tissue Location	Expressed in kidney, liver, spleen and testis but not in colon.

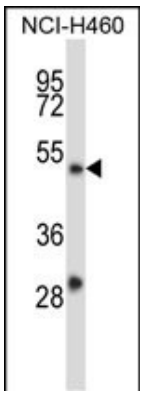
Background

The protein encoded by this gene is a transcription factor that includes several Kruppel-like zinc fingers in its C-terminal region. It possesses both activation and repression domains, and it can therefore have both positive and negative effects on the transcription of target genes. This gene has an intronless coding region, and it appears to have arisen by retrotransposition of the related YY1 transcription factor gene, which is located on chromosome 14.

References

Chen, L., et al. Nucleic Acids Res. 38(12):4011-4026(2010)
Klar, M., et al. Gene 430 (1-2), 58-63 (2009) :
Kim, J.D., et al. Nucleic Acids Res. 35(10):3442-3452(2007)
Luo, C., et al. Genomics 87(3):348-355(2006)
Klar, M., et al. Mol. Cell. Biol. 25(22):10159-10170(2005)

Images



YY2 Antibody (C-term) (Cat. #AP13666b) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the YY2 antibody detected the YY2 protein (arrow).

Citations

- The Forgotten YY2 in Reported YY1 Expression Levels in Human Cancers.

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