

Product Datasheet

YY1 Antibody NBP1-46218

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-46218

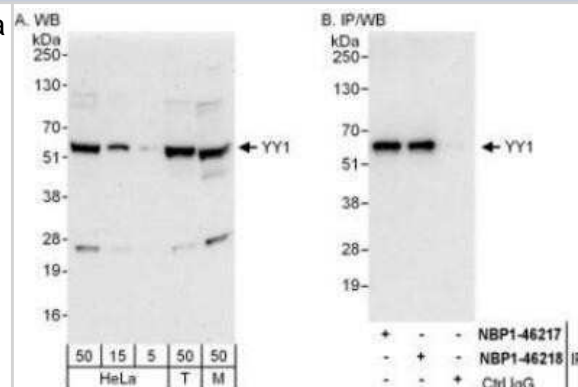
YY1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Product Description	
Host	Rabbit
Gene ID	7528
Gene Symbol	YY1
Species	Human, Mouse
Immunogen	The immunogen for this product maps to a region between residue 50 and 100 of human Yin and Yang 1 Protein using the numbering given in entry NP_003394.1 (GeneID 7528).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

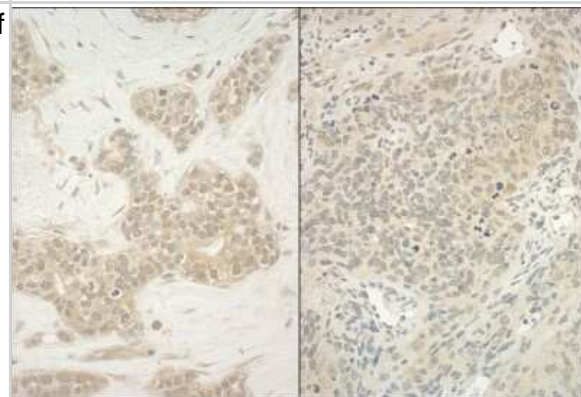


Images

Western Blot: YY1 Antibody [NBP1-46218] - Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 mcg), and mouse NIH3T3 (M; 50 mcg) cells. Affinity purified rabbit anti-YY1 antibody used for WB at 0.04 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate. YY1 was also immunoprecipitated by rabbit anti-YY1 antibody NBP1-46217, which recognizes an upstream epitope.



Immunohistochemistry-Paraffin: YY1 Antibody [NBP1-46218] - Section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-YY1 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Publications

Zhang J, Jing L, Tan S et al. Inhibition of miR-1193 leads to synthetic lethality in glioblastoma multiforme cells deficient of DNA-PKcs Cell Death Dis 2020-07-30 [PMID: 32732911] (B/N)

Fawal MA, Jungas T, Kischel A et al. Cross Talk between One-Carbon Metabolism, Eph Signaling, and Histone Methylation Promotes Neural Stem Cell Differentiation Cell Rep 2018-06-05 [PMID: 29874574] (WB)

Soares RJ, Cagnin S, Chemello F et al. Involvement of miRNAs in the Regulation of Muscle Wasting during Catabolic Conditions. J. Biol. Chem. 2014-06-02 [PMID: 24891504] (WB, Mouse)

Details:

NBP1-46218 used for WB on muscle lysate of Mice (Figure 5D) - Denervation was performed on adult, 2 month old, CD1 mice and muscles were lysed in: 50 mM Tris, pH 7.5, 150 mM NaCl, 5 mM MgCl₂, 10% glycerol, 2% SDS, 1% Triton X-100, 1mM DTT, Phosphatase inhibitor cocktail 2 and Phosphatase inhibitor cocktail 3 and Complete EDTA-free protease inhibitor mixture. Muscle lysates loaded/separated on 4-7.5% precast gels were processed for WB of YY1 and Ago2 proteins.

Holdt LM, Hoffmann S, Sass K et al. Alu Elements in ANRIL Non-Coding RNA at Chromosome 9p21 Modulate Atherogenic Cell Functions through Trans-Regulation of Gene Networks. PLoS Genet 2013-07-01 [PMID: 23861667] (IP, Human)



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Products Related to NBP1-46218

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51866-0.1mg	Recombinant Human YY1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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