

Product Datasheet

YY1 Antibody NBP1-46218

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 4

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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

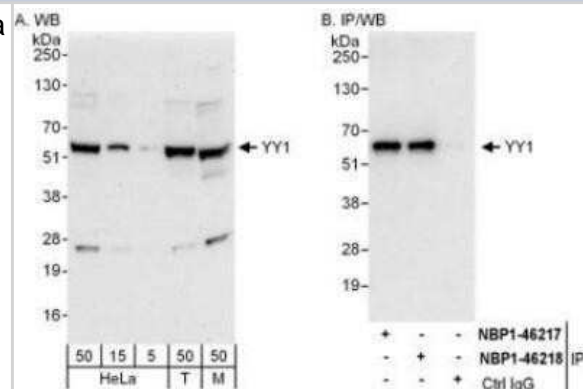
Product Description	
Description	Novus Biologicals Rabbit YY1 Antibody (NBP1-46218) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-YY1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7528
Gene Symbol	YY1
Species	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-Paraffin, Immunohistochemistry, 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.

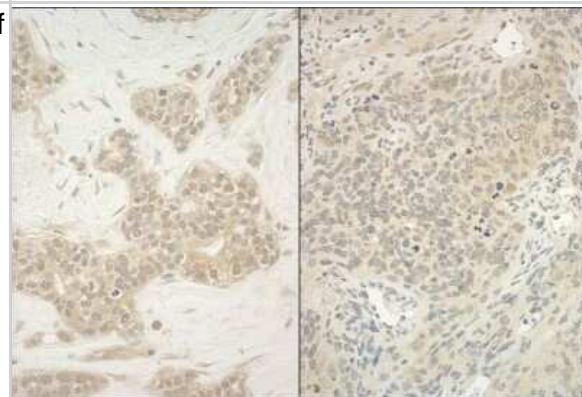


Images

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] (Immunoprecipitation, Human)

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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-46218

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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