Product Datasheet

YY1 Antibody - BSA Free

NBP2-20932

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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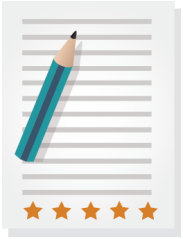


NBP2-20932

YY1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	45 kDa

Product Description

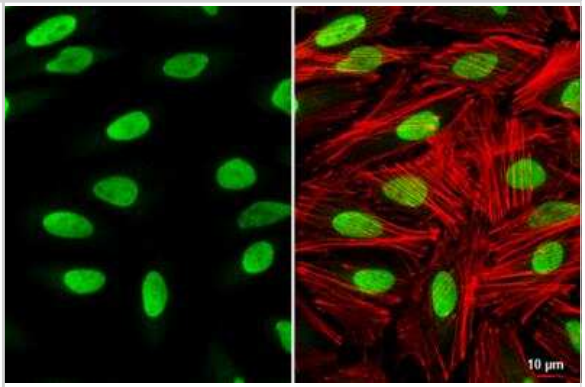
Description	Novus Biologicals Rabbit YY1 Antibody - BSA Free (NBP2-20932) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-YY1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7528
Gene Symbol	YY1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human YY1. The exact sequence is proprietary.

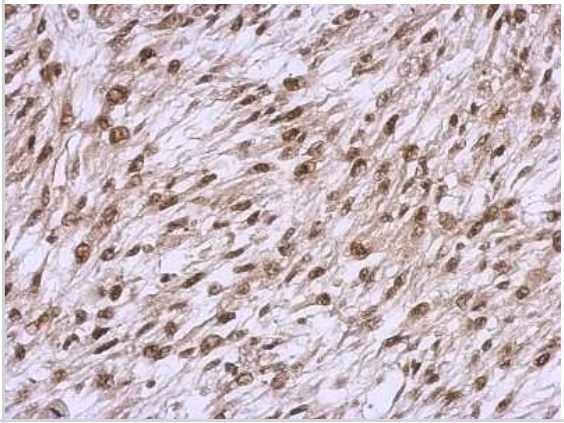
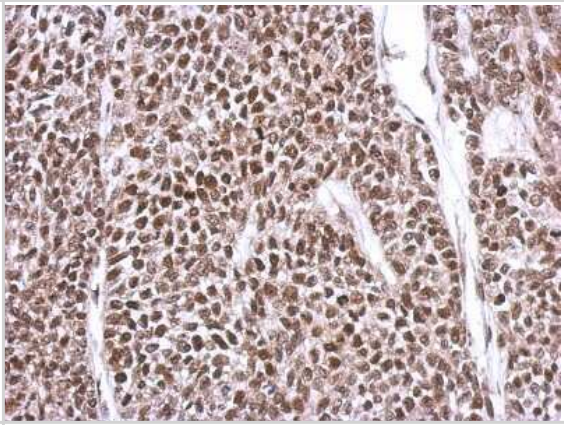
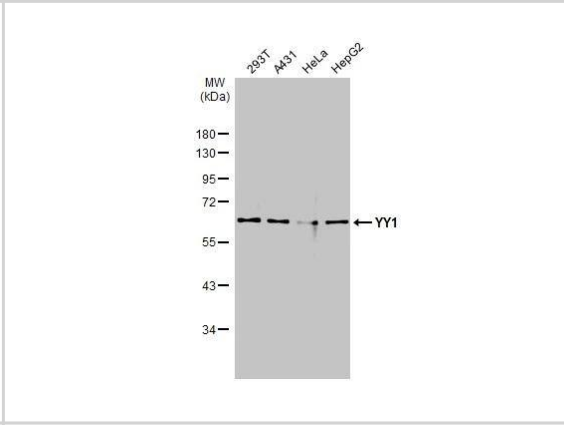
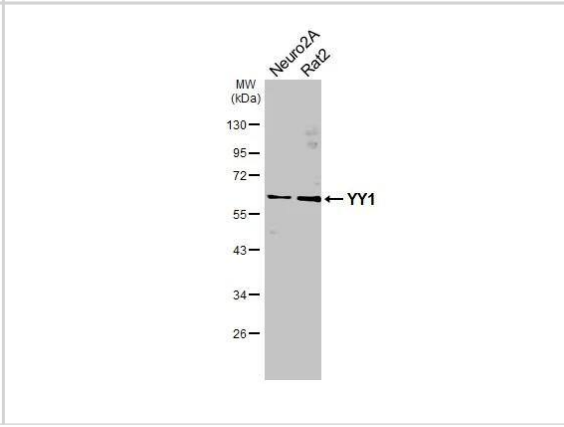
Product Application Details

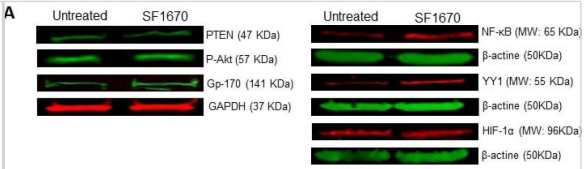
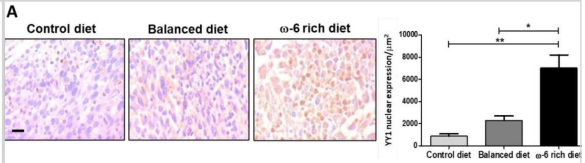
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

Images

Immunocytochemistry/Immunofluorescence: YY1 Antibody [NBP2-20932] - YY1 antibody detects YY1 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: YY1 stained by YY1 antibody diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar= 10 um.



Immunohistochemistry-Paraffin: YY1 Antibody [NBP2-20932] - C2C12 xenograft, using YY1antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.	
Immunohistochemistry-Paraffin: YY1 Antibody [NBP2-20932] - 59T xenograft, using YY1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.	
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with YY1 antibody (NBP2-20932) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with YY1 antibody (NBP2-20932) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	

Inhibition of PTEN with SF1670 promotes the expression of NF-κB, YY1, and Gp-170. (A) Western Blot representative of the amount of total protein in RS4;11 cells treated with SF1670; the results show differences in the expression of p-Akt and Gp-170 (** p < 0.01; *** p < 0.001), after treatment with the inhibitor of PTEN. (B) The expression of NF-κB and YY1 in the cell line used is modified after treatment with the inhibitor (* p < 0.05; ** p < 0.01); PTEN does not show changes in the level of protein expression when using the PTEN inhibitor, and HIF-1α has no significant changes. (C) Expression of mRNA of YY1 is increased in RS4;11 cells after SF1670 treatment (*** p = 0.001 treatment vs. untreated). Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/39063014), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	
High intake of ω-6 PUFA induces the expression of aggressiveness markers. (A) Representative photomicrographs and analysis of YY1 expression (* p < 0.05 and ** p < 0.01). (B) COX-2 immunostaining, * p < 0.05. (C) TGF-β immunostaining (* p < 0.05) in the groups of mice fed with control diet, balanced diet, and diet rich in ω-6. Representative microphotographs of the expression of the different markers are shown on the left. On the right side, the quantification of the stains can be seen, the data represent the mean + SEM, n = 5. Scale bar: 20 um. (D) Analysis of YY1, (E) COX-2, and (F) VEGF-A mRNA in the groups of mice fed a balanced diet and a diet rich in ω-6. Data represent mean + SEM, n = 5, * p < 0.05, ** p < 0.001. Results of three independent experiments are shown. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/35682855), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

Publications

Montecillo-Aguado M, Tirado-Rodriguez B, Antonio-Andres G et al. Omega-6 Polyunsaturated Fatty Acids Enhance Tumor Aggressiveness in Experimental Lung Cancer Model: Important Role of Oxylipins International Journal of Molecular Sciences 2022-05-31 [PMID: 35682855] (Immunohistochemistry)

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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