

Rabbit Yy1 Polyclonal Antibody | anti-Yy1 antibody

Anti-Yy1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254440	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Western Blot

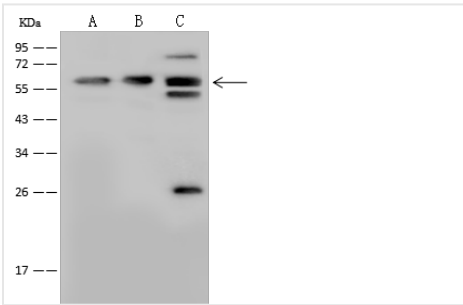
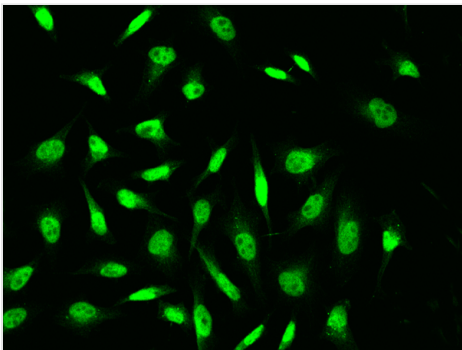
PRODUCT SYNONYMS

Yy1; Polyclonal Antibody; Anti-Yy1 Antibody; Rabbit Polyclonal; Yy1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-DELTA Antibody; Anti-INO80S Antibody; Anti-NF-E1 Antibody; Anti-UCRBP Antibody; Anti-YIN-YANG-1 Antibody; anti-Yy1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Yy1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-Yy1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human Yy1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Yy1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-YY1 rabbit polyclonal antibody at 1:500 dilution
Lane A: Daudi Whole Cell Lysate
Lane B: HuT-78 Whole Cell Lysate
Lane C: HeLa Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 45 kDa
Observed band size: 58 kDa

IF (Immunofluorescence)
Immunofluorescence staining of YY1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human YY1 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to.

ADDITIONAL INFORMATION

Related Product Information for anti-Yy1 antibody	Yin Yang-1 (YY1) is a zinc finger protein and member of the GLI-Kruppel family that can activate or inactivate gene expression depending on interacting partners, promoter context and chromatin structure, and may be involved in the transcriptional control of ~10% of the total mammalian gene set. YY1 is overexpressed in multiple cancer types and that increased YY1 levels correlate with poor clinical outcomes in many cancers. For example, YY1's roles in tumor growth involve stabilization of hypoxia-inducible factor HIF-1alpha in a p53 independent manner, negative regulation of miR-9 transcription, control of MYCT1 transcription, a novel miR-193a-5p-YY1-APC axis, intracellular ROS and mitochondrial superoxide generation, p53 reduction and EGFR activation, control of genes associated with mitochondrial energy metabolism and miRNA regulatory networks involving miR-7, miR-9, miR-34a, miR-186, miR-381, miR-584-3p and miR-635.
References	Khachigian LM (2018) The yin and yang of yy1 in tumor growth and suppression. Int J Cancer 143 (3): 460-465.

NCBI AND UNIPROT INFORMATION

NCBI GI #	459683878
NCBI GeneID	7528
NCBI Accession #	NP_003394.1
NCBI GenBank Nucleotide #	NM_003403
UniProt Accession #	P25490; Q14935
Molecular Weight	44,713 Da
NCBI Official Full Name	Homo sapiens YY1 transcription factor (YY1), mRNA
NCBI Official Synonym Full Names	YY1 transcription factor
NCBI Official Symbol	YY1
NCBI Official Synonym Symbols	DELTA; NF-E1; UCRBP; INO80S; YIN-YANG-1
NCBI Protein Information	transcriptional repressor protein YY1; INO80 complex subunit S; YY-1; Yin and Yang 1 protein; delta transcription factor
UniProt Protein Name	Transcriptional repressor protein YY1
UniProt Gene Name	YY1
UniProt Synonym Gene Names	INO80S; YY-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/yy1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254440>