

Rabbit anti-Human, mouse YY1 Polyclonal Antibody | anti-YY1 antibody

YY1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285341	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

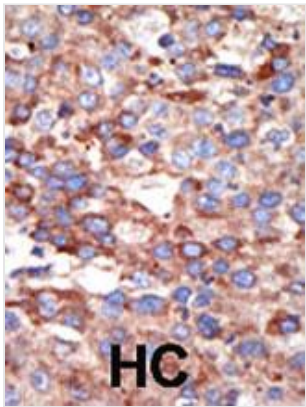
PRODUCT SYNONYMS

YY1; Polyclonal Antibody; YY1 Antibody (Center); Transcriptional repressor protein YY1; Delta transcription factor; INO80 complex subunit S; NF-E1; Yin and yang 1; YY-1; INO80S; anti-YY1 antibody

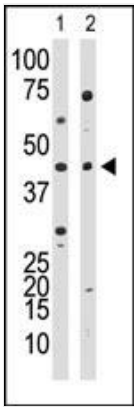
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YY1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-297 amino acids from the Central region of human YY1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.54 (varies by lot)
Sequence Positions	268-297
Sequence Length	414
Applicable Applications for anti-YY1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-YY1 Ctr Pab in HL60 cell lysate (lane 1) and in mouse kidney tissue lysate (lane 2). YY1 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-YY1 antibody	YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.
Product Categories/Family for anti-YY1 antibody	Neuroscience
References	Sucharov, C.C., et al., J. Biol. Chem. 278(33):31233-31239 (2003). Kurisaki, K., et al., Mol. Cell. Biol. 23(13):4494-4510 (2003). Huang, N.E., et al., Biochem. Biophys. Res. Commun. 306(1):267-275 (2003). Moriuchi, M., et al., J. Biol. Chem. 278(15):13003-13007 (2003). Hiromura, M., et al., J. Biol. Chem. 278(16):14046-14052 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507955
NCBI GeneID	7528
NCBI Accession #	NP_003394.1
NCBI GenBank Nucleotide #	NM_003403.4
UniProt Accession #	P25490; Q14935
Molecular Weight	44713
NCBI Official Full Name	transcriptional repressor protein YY1
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
UniProt Protein Name	Transcriptional repressor protein YY1
UniProt Gene Name	YY1

UniProt Synonym Gene Names	INO80S; YY-1
UniProt Entry Name	TTY1_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/yy1-antibody-immunohistochemistry-western-blot-elisa/285341>