

Rabbit YY2 Polyclonal Antibody | anti-YY2 antibody

YY2 Rabbit pAb

CATALOG # AAA281668	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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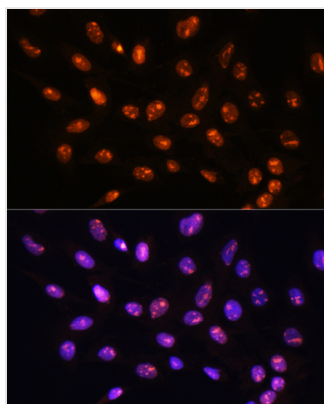
PRODUCT SYNONYMS

YY2; Polyclonal Antibody; YY2 Rabbit pAb; ZNF631; anti-YY2 antibody

PRODUCT SPECIFICATIONS

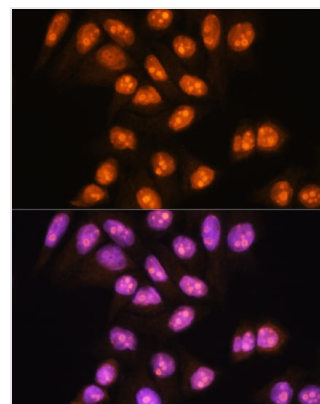
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	GEGQAENPPD YSEYLGKKL PPGGLPGIDL SDPKQLAEFT KVKPKRSKGE PPKTVPCSYS GCEKMFRDYA AMRKHLHIHG PRVHVCAECG KAFLESSKLR R
Applicable Applications for anti-YY2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human YY2 (NP_996806.2).
Cellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



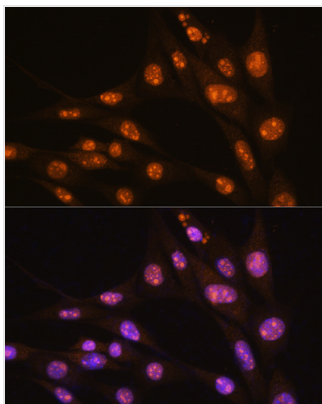
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using YY2 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



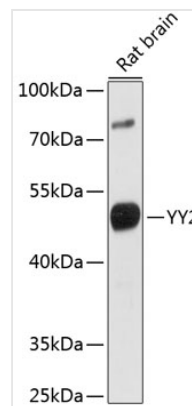
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using YY2 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using YY2 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of rat brain, using YY2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-YY2 antibody	Background: The protein encoded by this gene is a transcription factor that includes several Kruppel-like zinc fingers in its C-terminal region. It possesses both activation and repression domains, and it can therefore have both positive and negative effects on the transcription of target genes. This gene has an intronless coding region, and it appears to have arisen by retrotransposition of the related YY1 transcription factor gene, which is located on chromosome 14.
Product Categories/Family for anti-YY2 antibody	Epigenetics & Nuclear Signaling ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	156119609
NCBI GeneID	404281
NCBI Accession #	NP_996806.2
NCBI GenBank Nucleotide #	NM_206923.3
UniProt Accession #	O15391 ; Q6Q1S4 ; B2RP10
Molecular Weight	41,347 Da
NCBI Official Full Name	transcription factor YY2
NCBI Official Synonym Full Names	YY2 transcription factor
NCBI Official Symbol	YY2
NCBI Official Synonym Symbols	ZNF631
NCBI Protein Information	transcription factor YY2; yin and yang 2; zinc finger protein 631; transcription factor yin yang 2
UniProt Protein Name	Transcription factor YY2
UniProt Gene Name	YY2
UniProt Synonym Gene Names	ZNF631; YY-2
UniProt Entry Name	TTY2_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.

