

YY1 Rabbit mAb

Catalog No: #48730

Package Size: #48730-1 50ul #48730-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

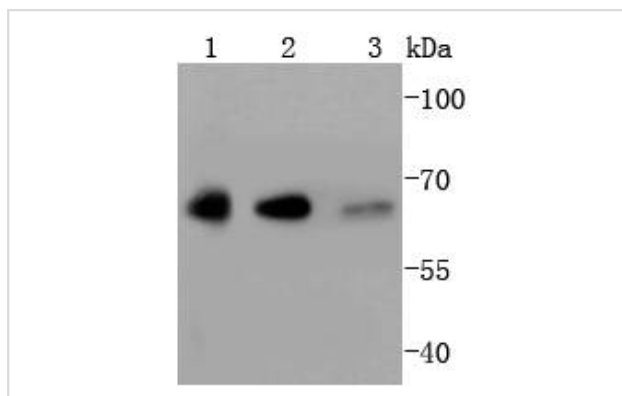
Description

Product Name	YY1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SY29-01
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	CF1 antibody Delta antibody Delta transcription factor antibody INO80 complex subunit S antibody INO80S antibody NF E1 antibody NF-E1 antibody NFE1 antibody OTTHUMP00000197459 antibody Transcriptional repressor protein YY1 antibody TYY1_HUMAN antibody UCR motif DNA binding protein antibody UCRBP antibody Yin and yang 1 antibody Yin and Yang 1 protein antibody Yin Yang 1 antibody Ying Yang 1 antibody YY 1 antibody YY 1 transcription factor antibody YY-1 antibody YY1 antibody YY1 transcription factor antibody
Accession No.	Swiss-Prot#:P25490
Uniprot	P25490
GeneID	7528;
Calculated MW	68 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

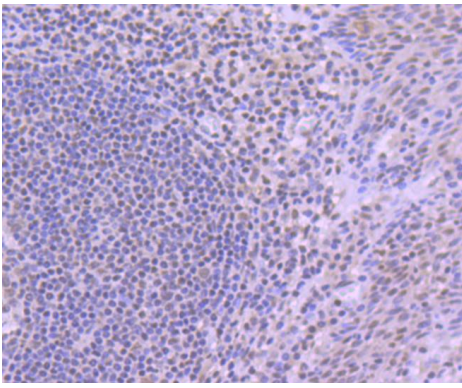
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200

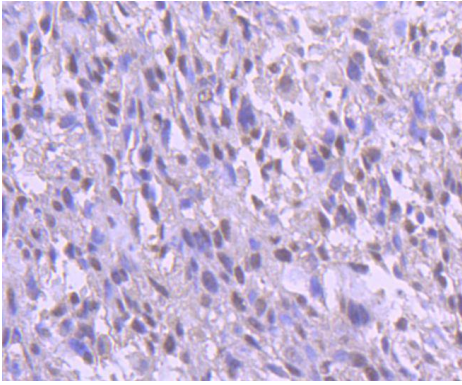
Images



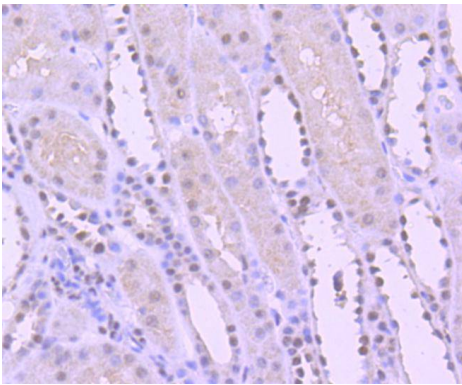
Western blot analysis of YY1 on different lysates using anti-YY1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Jurkat Lane 3: HL-60



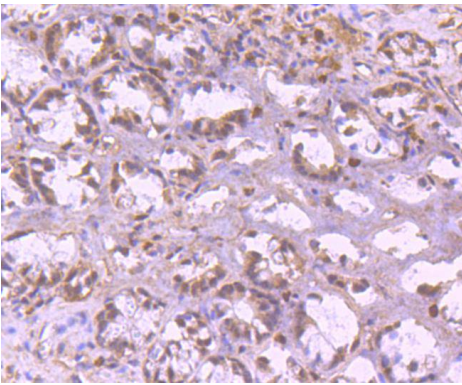
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-YY1 antibody. Counter stained with hematoxylin.



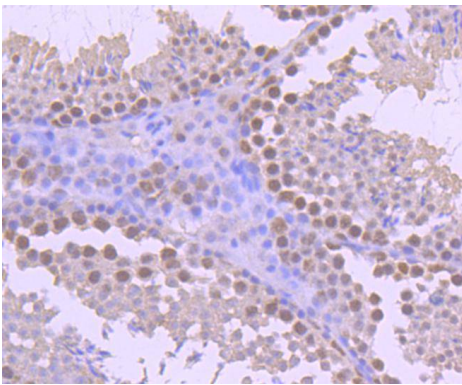
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-YY1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-YY1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-YY1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-YY1 antibody. Counter stained with hematoxylin.

Background

The YY1 transcription factor, also known as NF-E1 (human) and Delta or UCRBP (mouse) is of interest due to its diverse effects on a wide variety of target genes. YY1 is broadly expressed in a wide range of cell types and contains four C-terminal zinc finger motifs of the Cys-Cys-His-His type and an unusual set of structural motifs at its N-terminal. It binds to downstream elements in several vertebrate ribosomal protein genes, where it apparently acts positively to stimulate transcription and can act either negatively or positively in the context of the immunoglobulin k 3' enhancer and immunoglobulin heavy-chain μ E1 site as well as the P5 promoter of the adeno-associated virus. It thus appears that YY1 is a bifunctional protein, capable of functioning as an activator in some transcriptional control elements and a repressor in others.

References

Note: This product is for in vitro research use only