

Product datasheet for **AM31010PU-N**

YY1 Mouse Monoclonal Antibody [Clone ID: 4D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4D2
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunofluorescence: 10 µg/ml. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	YY1 (NP_003394, 221 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to YY1.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	YY1 transcription factor
Database Link:	Entrez Gene 7528 Human P25490



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Background:

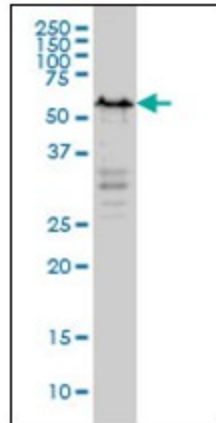
YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.

Synonyms:

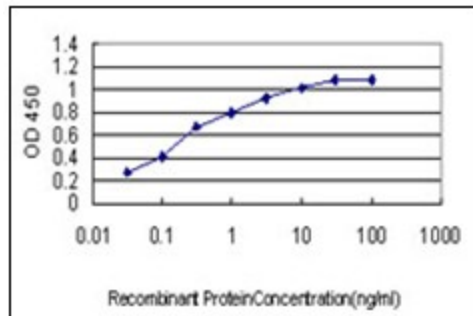
Yin and yang 1, YY-1, INO80S, NF-E1

Protein Families:

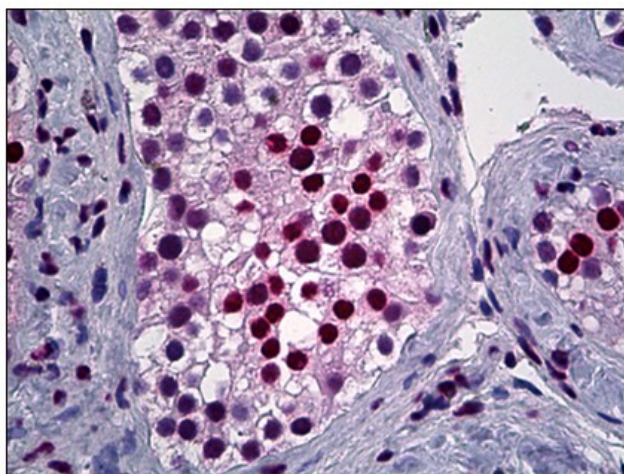
Druggable Genome, Transcription Factors

Product images:


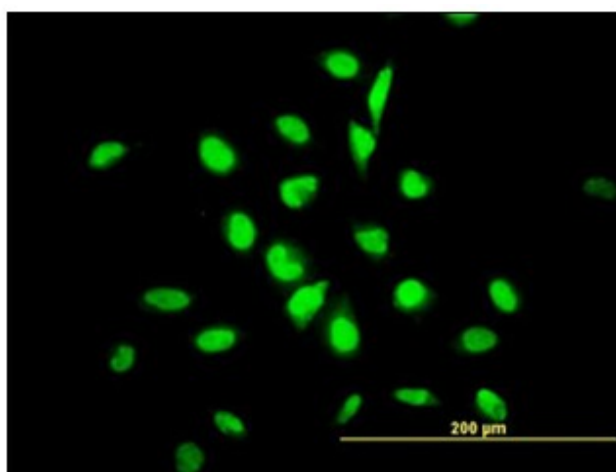
YY1 monoclonal antibody clone 4D2 Western Blot analysis of YY1 expression in Hela NE.



Detection limit for recombinant GST tagged YY1 is approximately 0.03 ng/ml as a capture antibody.



Human, Testis: Formalin-Fixed Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to YY1 on HeLa cell. [antibody concentration 10 ug/ml]