

YY1 Polyclonal Antibody

Catalog No. E-AB-18318

Note: Centrifuge before opening to ensure complete recovery of vial contents.

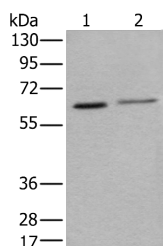
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human YY1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

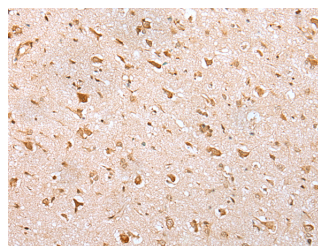
Applications Recommended Dilution

WB 1:500-1:2000,
IHC 1:25-1:100,
ELISA
1:5000-1:10000

Data



Western blot analysis of HeLa and A549 cell lysates using YY1 Polyclonal Antibody at dilution of 1:400
Observed Mw:Refer to figures
Calculated Mw:45 kDa



Immunohistochemistry of paraffin-embedded Human brain tissue using YY1 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

YY1, also named as DELTA, INO80S and NF-E1, contains four C2H2-type zinc fingers and belongs to the YY transcription factor family. YY1 is a multifunctional transcription factor that exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. 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 YY1. The open reading frame of the human YY1 cDNA encodes a protein of 414 amino acids with a predicted molecular weight of 44 kDa. However, YY1 migrates on SDS gels as a 65–68 kDa protein, probably due to the structure of the protein. It is a ubiquitously expressed transcription factor with fundamental roles in embryogenesis, differentiation, replication and proliferation.

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