## YY1 Polyclonal Antibody

Cat \#: G-AB-03962

| Host: Rabbit | Reactivity: Human, Mouse |
| :--- | :--- |
| Isotype: IgG | Clonality: Polyclonal |

## Overview:

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, YY 1 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.

## Gene ID:

Accession \#: BC037308

Immunogen: Fusion protein of human YY 1

Conjugation: Unconjugated
Swissprot: P25490

Calculated Molecular Weight: 45 kDa

Observed Molecular Weight: Refer to figures

Concentration: $0.9 \mathrm{mg} / \mathrm{mL}$
Buffer: PBS with $0.05 \%$ NaN3 and $40 \%$ Glycerol, pH7.4

Purification Method: Antigen affinity purification
Application: WB,IHC,ELISA
Dilution: WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000

Storage: Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.

