

Anti-Human/Mouse/Rat MYBL2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02254

3th Edition

Description: MYBL2 encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Two transcript variants encoding different isoforms have been found for this gene. MYBL2 (MYB Proto-Oncogene Like 2) is a Protein Coding gene. Diseases associated with MYBL2 include Paraneoplastic Cerebellar Degeneration. Among its related pathways are Cell cycle Cell cycle (generic schema) and HTLV-I infection. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and RNA polymerase II core promoter proximal region sequence-specific DNA binding. An important paralog of this gene is MYBL1.

Antigen: Synthesized peptide derived from human B-Myb around the non-phosphorylation site of Ser577.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: