

Anti-Human /Mouse TFDP1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03475

3th Edition

Description: This gene encodes a member of a family of transcription factors that heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. The encoded protein functions as part of this complex to control the transcriptional activity of numerous genes involved in cell cycle progression from G1 to S phase. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1, 15, and X. TFDP1 (Transcription Factor Dp-1) is a Protein Coding gene. Diseases associated with TFDP1 include Retinoblastoma. Among its related pathways are Cellular Senescence and Transcriptional activity of SMAD2/SMAD3-SMAD4 heterotrimer. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcription coactivator activity. An important paralog of this gene is TFDP3.

Antigen: Synthetic peptide of human TFDP1

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: Highest levels in muscle. Also expressed in brain, placenta, liver and kidney. Lower levels in lung and pancreas. Not detected in heart.