

Datasheet for ABIN7270892
anti-DP1 antibody (AA 1-290)



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1 Image

Overview

Quantity:	100 µL
Target:	DP1 (TFDP1)
Binding Specificity:	AA 1-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	DP1/TFDP1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human DP1/DP1/TFDP1 (NP_009042.1).
Sequence:	MAKDAGLIEA NGELKVFIDQ NLSPGKGVVS LVAVHPSTVN PLGKQLLPKT FGQSNVNIAQ QVVIGTPQRP AASNTLVVGS PHTPSTHFAS QNQPSDSSPW SAGKRNRKGE KNGKGLRHFS MKVCEKVQRK GTTSYNEVAD ELVAEFSAAD NHILPNESAY DQKNIRRRVY DALNVLMAMN IISKEKKEIK WIGLPTNSAQ ECQNLEVERQ RRLERIKQKQ SQLQELILQQ IAFKNLVQRN RHAEQQASRP PPPNSVIHLP FIIVNTSKKT VIDCSISNDK FEYLFNFDNT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DP1 (TFDP1)

Alternative Name: TFDP1 ([TFDP1 Products](#))

Background: 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,DILC,DP1,DRTF1,Dp-1,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,G1/S Checkpoint,Stem Cells,TFDP1

Molecular Weight: 34kDa/45kDa

Gene ID: 7027

UniProt: [Q14186](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

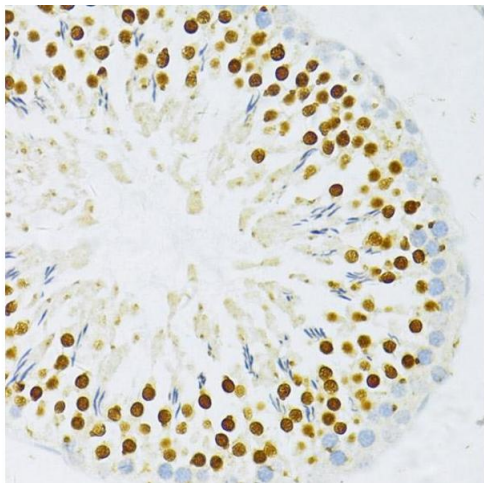
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using DP1/DP1/TFDP1 antibody (ABIN7270892) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.