

KD-Validated Anti-Transcription Factor Dp-1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1768

Product Information

Application	WB, FC
Primary Accession	Q14186
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB2685
Calculated MW	45070
Gene Name	TFDP1
Aliases	TFDP1; Transcription Factor Dp-1; DRTF1; DP1; Dp-1; DILC; Down-Regulated In Liver Cancer Stem Cells; E2F Dimerization Partner 1; DRTF1-Polypeptide 1; E2F-Related Transcription Factor
Immunogen	A synthesized peptide derived from human DP1

Additional Information

Gene ID	7027
Other Names	Transcription factor Dp-1, DRTF1-polypeptide 1, DRTF1, E2F dimerization partner 1, TFDP1, DP1

Protein Information

Name	TFDP1
Synonyms	DP1
Function	Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication (PubMed: 7739537 , PubMed: 8405995). The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed: 20176812).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q08639}. Cytoplasm {ECO:0000250 UniProtKB:Q08639}. Note=Shuttles between the cytoplasm and nucleus and translocates into the nuclear compartment upon heterodimerization with E2F1. {ECO:0000250 UniProtKB:Q08639}
Tissue Location	Highest levels in muscle. Also expressed in brain, placenta, liver and kidney.

Lower levels in lung and pancreas. Not detected in heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.