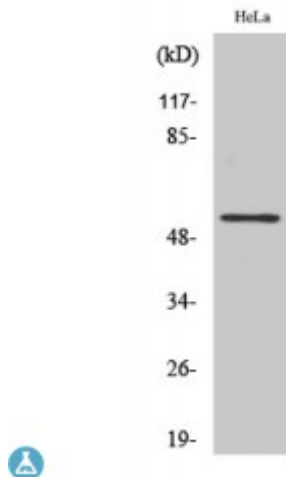


Anti-TFDP1 antibody



Description	Rabbit polyclonal to TFDP1.
Model	STJ95976
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human TFDP1
Immunogen Region	330-410 aa, C-terminal
Gene ID	7027
Gene Symbol	TFDP1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	TFDP1 Polyclonal Antibody detects endogenous levels of TFDP1 protein.
Tissue Specificity	Highest levels in muscle. Also expressed in brain, placenta, liver and kidney. Lower levels in lung and pancreas. Not detected in heart.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor Dp-1 DRTF1-polypeptide 1 DRTF1 E2F dimerization partner 1
Molecular Weight	55 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11749OMIM:189902
Alternative Names	Transcription factor Dp-1 DRTF1-polypeptide 1 DRTF1 E2F dimerization partner 1
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 . The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters .
Cellular Localization	Nucleus Cytoplasm. Shuttles between the cytoplasm and nucleus and translocates into the nuclear compartment upon heterodimerization with E2F1.
Post-translational Modifications	Phosphorylation by E2F1-bound cyclin A-CDK2, in the S phase, inhibits E2F-mediated DNA binding and transactivation. Ubiquitinated by the BCR(KBTBD5) complex, leading to its subsequent degradation.