

Recombinant Anti-TFDP1 Rabbit mAb

Catalog # AP95338

Product Information

Application	WB, FC
Primary Accession	Q14186
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	45070

Additional Information

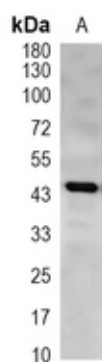
Gene ID	7027
Other Names	DP1; Transcription factor Dp-1; DRTF1-polypeptide 1; DRTF1; E2F dimerization partner 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human TFDP1 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of TFDP1 expression in Raji (A) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 47 kD)

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