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TFDP3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18725a

Product Information

Application	WB, E
Primary Accession	Q5H9I0
Other Accession	NP_057605.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44967
Antigen Region	82-108

Additional Information

Gene ID	51270
Other Names	Transcription factor Dp family member 3, Cancer/testis antigen 30, CT30, Hepatocellular carcinoma-associated antigen 661, TFDP3, DP4, HCA661
Target/Specificity	This TFDP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-108 amino acids from the N-terminal region of human TFDP3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TFDP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TFDP3
Synonyms	DP4, HCA661
Function	Competitive inhibitor of E2F-mediated transactivation activity. Impairs E2F-mediated cell-cycle progression from G(1) to S phase.

Cellular Location	Nucleus. Cytoplasm. Note=Translocates to the nucleus on heterodimerization with E2F family members
Tissue Location	Predominantly expressed in testis. Low level of expression in pancreas. Highly expressed in ovarian and colon cancer cell lines.

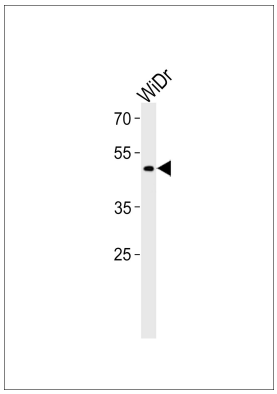
Background

This gene encodes a member of the DP family of transcription factors. These factors heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. This protein functions as a negative regulator and inhibits the DNA binding and transcriptional activities of E2F factors.

References

Tian, C., et al. Biochem. Biophys. Res. Commun. 361(1):20-25(2007)
Qiao, H., et al. J. Biol. Chem. 282(1):454-466(2007)
Milton, A., et al. Oncogene 25(22):3212-3218(2006)

Images



TFDP3 Antibody (N-term) (Cat. #AP18725a) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the TFDP3 antibody detected the TFDP3 protein (arrow).

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