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TFDP3 Rabbit pAb

Catalog # AP96819

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q5H9I0
Other Accession	Q5H9I0
Predicted	Rat, Human, Mouse, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44967
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TFDP3
Epitope Specificity	301-405/405
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the E2F/DP family.
SUBUNIT	Heterodimer: with E2F family members. TFDP3/E2F heterodimers do not bind DNA and repress E2F-dependent transcriptional activity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	51270
Other Names	CT30; DP4; HCA661; TFDP3_HUMAN; TFDP3; Cancer/testis antigen 30 (CT30); Hepatocellular carcinoma-associated antigen 661; transcription factor Dp family member 3; transcription factor Dp family, member 3; E2F-like protein; cancer/testis antigen 30
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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