SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-TFDP3 antibody

Catalog Number: SL6400R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	TFDP3
Immunogen:	KLH conjugated synthetic peptide derived from human TFDP3: 301-405/405
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Rabbit)
Predicted MW.:	45kDa
Subcellular Location:	The nucleus cytoplasmic
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. **Function:** Competitive inhibitor of E2F-mediated transactivation activity. Impairs E2F-mediated cell-cycle progression from G(1) to S phase. **Subunit:** Heterodimer: with E2F family members. TFDP3/E2F heterodimers do not bind DNA and repress E2F-dependent transcriptional activity. **Subcellular Location:** Nucleus. Cytoplasm. Note=Translocates to the nucleus on heterodimerization with E2F family members.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Predominantly expressed in testis. Low level of expression in pancreas. Highly expressed in ovarian and colon cancer cell lines. **Similarity:** Belongs to the E2F/DP family. **Database links:** **Entrez Gene:** 51270 Human **SwissProt:** Q5H9I0 Human **Unigene:** 142908 Human

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