10320 Camino Santa Fe, Suite G
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TFDP3 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18725a

Specification

TFDP3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q5H9I0

TFDP3 Antibody (N-term) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TFDP3 Antibody (N-term) Blocking Peptide - 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.

TFDP3 Antibody (N-term) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TFDP3 Antibody (N-term) Blocking Peptide - Images

TFDP3 Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of the DP family oftranscription factors. These factors heterodimerize with E2Fproteins to enhance their DNA-binding activity and promotetranscription from E2F target genes. This protein functions as anegative regulator and inhibits the DNA binding and transcriptionalactivities of E2F factors.

TFDP3 Antibody (N-term) Blocking Peptide - 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)