

Datasheet for ABIN2777944
anti-DP2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DP2 (TFDP2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TFDP2
Sequence:	MIISTPQRLT SSGSVLIGSP YTPAPAMVTQ THIAEATGWV PGDRKRARKF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TFDP2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	DP2 (TFDP2)
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Target Details

Alternative Name:	TFDP2 (TFDP2 Products)
Background:	<p>The TFDP genes encode a family of transcription factors that can form heterodimers with E2F family proteins in vivo. The E2F-TFDP transcription factors are major regulators of genes that are required for the progression of S-phase, such as DHFR and DNA polymerase alpha, and they play a critical role in cell cycle regulation and differentiation.</p> <p>Alias Symbols: DP2</p> <p>Protein Interaction Partner: E2F6, UBC, E2F1, LIN9, LIN54, LIN37, RBL2, YWHAE, E2F4, E2F3, E2F2, RBL1, RB1,</p> <p>Protein Size: 386</p>
Molecular Weight:	43 kDa
Gene ID:	7029
NCBI Accession:	NM_006286 , NP_006277
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 386 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

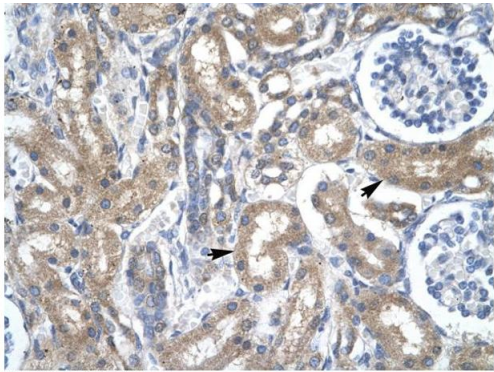
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TFDP2 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate TFDP2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Immunohistochemistry

Image 2. Human kidney

Rabbit Anti-TFDP2 Antibody
Catalog Number: ARP33438
Lot Number: QC3419
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule(Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X