

Rabbit DP1 Polyclonal Antibody | anti-TFDP1 antibody

Anti-DP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254637	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

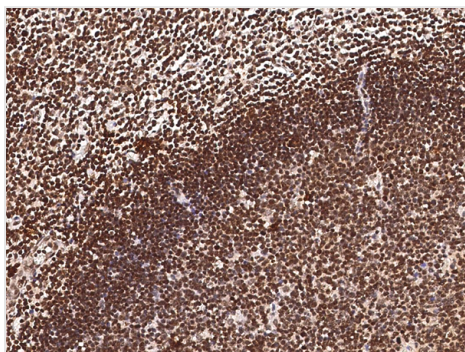
PRODUCT SYNONYMS

DP1; Polyclonal Antibody; Anti-DP1 Antibody; Rabbit Polyclonal; TFDP1 Antibody; Rabbit PAb; Antigen Affinity Purified; transcription factor Dp-1; Anti-Dp-1 Antibody; Anti-DRTF1 Antibody; anti-TFDP1 antibody

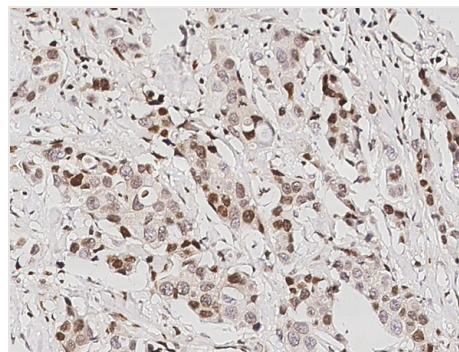
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TFDP1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human TFDP1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human TFDP1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human TFDP1 in human tonsil with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).


IHC (Immunohistochemistry)

Immunohistochemical staining of human TFDP1 in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-TFDP1 antibody	TFDP1 is an important transcription factor that coordinates with E2F proteins, thereby promoting transcription of E2F target genes and regulating the cell cycle and differentiation. The gene TFDP1 and the cell cycle pathway are strongly associated with high-grade GBM. DP-1 is a heterodimerization partner for members of the E2F family of transcription factors; E2F/DP-1 regulates the expression of various cellular promoters, particularly gene products that are involved in the cell cycle. and the DP-1 gene (TFDP1) as a probable target within a 13q34 amplicon that is frequently detected in hepatocellular carcinomas (HCC) and esophageal squamous cell carcinomas. The overexpression of TFDP1 may contribute to progression of some HCCs by promoting growth of the tumor cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005900
NCBI GeneID	7027
NCBI Accession #	NP_009042.1
NCBI GenBank Nucleotide #	NM_007111.4
UniProt Accession #	Q14186; Q5JSB4; Q8IZL5
Molecular Weight	45,070 Da
NCBI Official Full Name	transcription factor Dp-1
NCBI Official Synonym Full Names	transcription factor Dp-1
NCBI Official Symbol	TFDP1
NCBI Official Synonym Symbols	DP1; Dp-1; DRTF1
NCBI Protein Information	transcription factor Dp-1; DRTF1-polypeptide 1; E2F dimerization partner 1; E2F-related transcription factor
UniProt Protein Name	Transcription factor Dp-1
UniProt Gene Name	TFDP1
UniProt Synonym Gene Names	DP1; DRTF1
UniProt Entry Name	TFDP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.