

Product datasheet for **CF811981**

ETS1 associated protein II (TDP2) Mouse Monoclonal Antibody [Clone ID: OTI3G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TDP2 (NP_057698) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.7 kDa
Gene Name:	tyrosyl-DNA phosphodiesterase 2
Database Link:	NP_057698 Entrez Gene 51567 Human O95551



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Background:

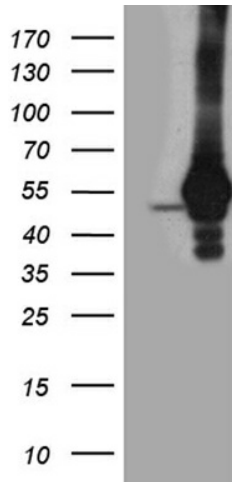
This gene encodes a member of a superfamily of divalent cation-dependent phosphodiesterases. The encoded protein associates with CD40, tumor necrosis factor (TNF) receptor-75 and TNF receptor associated factors (TRAFs), and inhibits nuclear factor-kappa-B activation. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors. [provided by RefSeq, Jul 2008]

Synonyms:

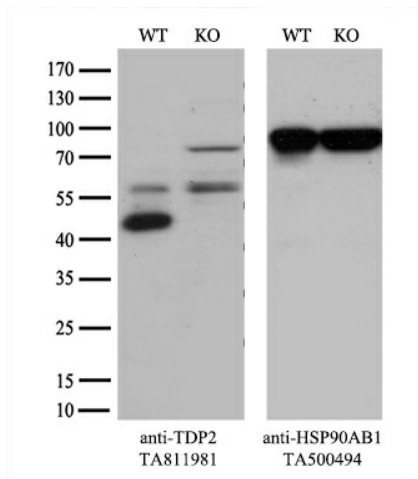
AD022; dj30M3.3; EAP2; EAPII; hTDP2; TTRAP

Protein Families:

Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TDP2 (Cat# [RC202015], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TDP2 antibody (Cat# [TA811981]). Positive lysates [LY413867] (100ug) and [LC413867] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and TDP2-Knockout HeLa cells (KO, Cat# [LC833387]) were separated by SDS-PAGE and immunoblotted with anti-TDP2 monoclonal antibody [TA811981] (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.