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Datasheet for ABIN7120444
anti-TDP2 antibody

Overview

Quantity:	100 µg
Target:	TDP2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	TRAF and TNF receptor associated protein
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TDP2
Alternative Name:	TTRAP (TDP2 Products)
Background:	Synonyms:5 Tyr DNA phosphodiesterase, AD022, dJ30M3.3, EAP2, EAPII, ETS1 associated protein 2, ETS1 associated protein II, TDP2, TTRAP, Tyr DNA phosphodiesterase 2 Background:TTRAP is a 5-prime tyrosyl-DNA phosphodiesterase that is required for efficient repair of topoisomerase II-induced DNA double-strand breaks. Thus it can remove lots of

Target Details

covalent adducts from DNA through hydrolysis of a 5'-phosphodiester bond, generating a free 5' phosphate to DNA. It also has 3'-tyrosyl DNA phosphodiesterase activity, but not so efficient as TDP1. TTRAP functions as a negative regulator of ETS1 and inhibit nuclear factor-kappa-B activation.

Molecular Weight: 44 kDa

UniProt: [O95551](#)

Application Details

Application Notes: WB: 1:500-1:5000, IP: 1:200-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months