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Antibody type:	Polyclonal Antibody
Applications:	WB IHC IF
Reactivity:	Human
Molecular Weight:	68kDa
Immunogen:	Recombinant protein of human TDP1
Gene ID:	55775
Swiss-Prot No. :	Q9NUW8
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20° C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	The protein encoded by this gene is involved in repairing stalled topoisomerase I-DNA complexes by catalyzing the hydrolysis of the phosphodiester bond between the tyrosine residue of topoisomerase I and the 3-prime phosphate of DNA. This protein may also remove glycolate from single-stranded DNA containing 3-prime phosphoglycolate, suggesting a role in repair of free-radical mediated DNA double-strand breaks. This gene is a member of the phospholipase D family and contains two PLD phosphodiesterase domains. Mutations in this gene are associated with the disease spinocerebellar ataxia with axonal neuropathy (SCAN1).
Dilution:	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100
Shipping&Stablity:	Aliquot and store at -20° C. Avoid repeated freeze / thaw cycles.