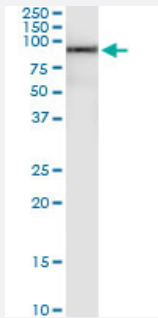


TDP1 (Human) IP-WB Antibody Pair

Catalog # H00055775-PW1

Size 1 Set

Applications



Immunoprecipitation of TDP1 transfected lysate using rabbit polyclonal anti-TDP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-TDP1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (82)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TDP1 transfected lysate using rabbit polyclonal anti-TDP1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-TDP1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TDP1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-TDP1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TDP1

Entrez GeneID [55775](#)

Gene Name TDP1

Gene Alias FLJ11090, MGC104252

Gene Description tyrosyl-DNA phosphodiesterase 1

Omim ID [607198](#) [607250](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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). While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same isoform. [provided by RefSeq]

Other Designations -

Disease

- [Breast cancer](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)

- [Neutropenia](#)
- [Werner syndrome](#)