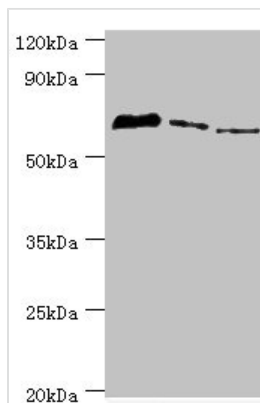




TDP1 Antibody

Product Code	CSB-PA023352ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NUW8
Immunogen	Recombinant Human Tyrosyl-DNA phosphodiesterase 1 protein (1-260AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC, IP; Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200, IP:1:200-1:2000
Relevance	DNA repair enzyme that can remove a variety of covalent adducts from DNA through hydrolysis of a 3'-phosphodiester bond, giving rise to DNA with a free 3' phosphate. Catalyzes the hydrolysis of dead-end complexes between DNA and the topoisomerase I active site tyrosine residue. Hydrolyzes 3'-phosphoglycolates on protruding 3' ends on DNA double-strand breaks due to DNA damage by radiation and free radicals. Acts on blunt-ended double-strand DNA breaks and on single-stranded DNA. Has low 3' exonuclease activity and can remove a single nucleoside from the 3' end of DNA and RNA molecules with 3'-hydroxyl groups. Has no exonuclease activity towards DNA or RNA with a 3' phosphate.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Tyrosyl-DNA phosphodiesterase 1 (Tyr-DNA phosphodiesterase 1) (EC 3.1.4.-), TDP1
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	TDP1
Image	



Western blot

All lanes: Tyrosyl-DNA phosphodiesterase 1 antibody at 8 μ g/ml

Lane 1: MCF-7 whole cell lysate

Lane 2: Mouse lung tissue

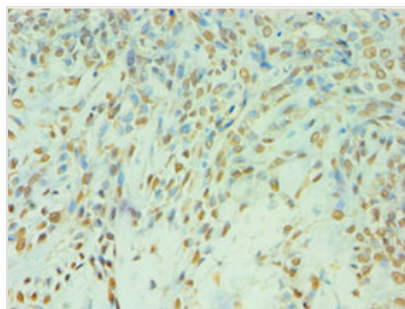
Lane 3: Rat brain tissue

Secondary

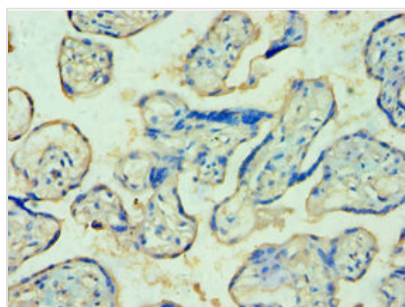
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 69, 42 kDa

Observed band size: 69 kDa



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA023352ESR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA023352ESR1HU at dilution of 1:100