

Anti-TDP1 antibody (1-140) (STJ116265)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

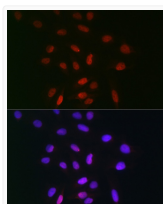
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

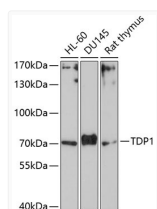
Gene ID	55775
Gene Symbol	TDP1
UniProt ID	TYDP1_HUMAN
Immunogen Region	1-140
Immunogen Sequence	MSQEGDYGRWTISSSDESEE EKKPKDPKSTSSLLCARQGA ANEPRYTCSEAQAHAHKRKI SPVKFSNTDSVLPKQKSG SQEDLGWCLSSSDELQPEM PQKQAEKVVIKKEKDISAPN DGTAQRTEHNGAPACHRLKE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human TDP1 (NP_060789.2).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of U-2 OS cells using TDP1 Rabbit polyclonal antibody (STJ116265) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using TDP1 Antibody (STJ116265) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.