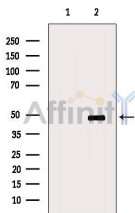


TDG Ab

[Images\(3\)](#)

Cat.#: AF5214	Concn.: ~1mg/ml	Mol.Wt.: 46 kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human TDG, corresponding to a region within the internal amino acids.	
Uniprot:	Q13569	
Description:	In the DNA of higher eukaryotes, hydrolytic deamination of 5-methylcytosine to thymine leads to the formation of G/T mismatches. This enzyme corrects G/T mispairs to G/C pairs. It is capable of hydrolyzing the carbon-nitrogen bond between the sugar-phosphate backbone of the DNA and a mispaired thymine	



Western blot analysis of extracts from Hybridoma cells, using TDG Ab. The lane on the left was treated with blocking peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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