For Research Use Only

## TDG Polyclonal antibody Catalog Number: 13370-1-AP Featured Product

Featured Product



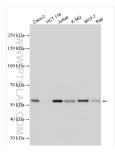


Basic Information	Catalog Number: 13370-1-AP	GenBank Accession BC037557	Number:	Purification Method:	
	Size:	GenelD (NCBI):		Antigen affinity purification Recommended Dilutions:	
	400 μ g/ml	6996		WB 1:2000-1:10000	
	Source:	UNIPROT ID:		IP 0.5-4.0 ug for 1.0-3.0 mg of total	
	Rabbit	Q13569 protei		protein lysate IF/ICC 1:50-1:500	
	lsotype:				
	IgG				
	Immunogen Catalog Number: AG4190	Calculated MW: 410 aa, 46 kDa			
		Observed MW: 55-60 kDa			
Applications	Tested Applications:		Positive Controls:		
	WB, IF/ICC, IP, ELISA Cited Applications:			3 : Caco-2 cells, mouse colon tissue, HeLa cells,	
	WB, IHC, IP, ChIP			ain tissue, Raji cells, mouse thymus tissue cells, Jurkat cells, K-562 cells, MCF-7 cells	
	Species Specificity: IP : U-937 human, mouse, rat		IP:U-937 ce		
				IF/ICC : HeLa cells,	
	Cited Species: human, mouse				
Background Information	hydrolyzing the carbon-nitrogen b In addition to the G/T, it can remo detectable activity on apyrimidin	poond between the sugar-p ove thymine also from C/ nic sites and does not cata	phosphate backt T and T/T mispa alyze the remove	ispairs to G/C pairs. It is capable of one of the DNA and a mispaired thymin irs in the order G/T >> C/T > T/T. It has r al of thymine from A/T pairs or from	
	and requires the base excision rep	pair enzymes TDG and AF	PE1 for active de	methylation (PMID:20696907). TDG is	
	and requires the base excision rep modified by SUMO-1 and SUMO-2	pair enzymes TDG and AF	PE1 for active de	methylation (PMID:20696907). TDG is	
Notable Publications	and requires the base excision rep modified by SUMO-1 and SUMO-2 60 kDa.	pair enzymes TDG and AF	PE1 for active de t of non-modifie	spairs with guanine. RNF4 interacts with methylation (PMID:20696907). TDG is d TDG is 46 kDa and modified TDG is 55 Application	
Notable Publications	and requires the base excision rep modified by SUMO-1 and SUMO-2 60 kDa.	pair enzymes TDG and AF 2/3.The molecular weigh Pubmed ID Jour	PE1 for active de t of non-modifie	methylation (PMID:20696907). TDG is d TDG is 46 kDa and modified TDG is 55	
Notable Publications	and requires the base excision rep modified by SUMO-1 and SUMO-2 60 kDa. Author Jiyu Miao	pair enzymes TDG and AF 2/3.The molecular weigh Pubmed ID Jour 35414793 Int J	PE1 for active de t of non-modifie	methylation (PMID:20696907). TDG is d TDG is 46 kDa and modified TDG is 55 Application	
Notable Publications	and requires the base excision rep modified by SUMO-1 and SUMO-2 60 kDa. Author Jiyu Miao Umut Sahin	Pubmed ID Jour   35414793 Int J   24637324 J Ce	PE1 for active de t of non-modifie rnal Biol Sci	methylation (PMID:20696907). TDG is d TDG is 46 kDa and modified TDG is 55 Application WB	
Notable Publications Storage	and requires the base excision rep modified by SUMO-1 and SUMO-2 60 kDa. Author Jiyu Miao Umut Sahin	pair enzymes TDG and AF 2/3.The molecular weigh 35414793 Int J 24637324 J Ce 24962565 J Bio r after shipment.	PE1 for active de t of non-modifie nal Biol Sci Il Biol	methylation (PMID:20696907). TDG is d TDG is 46 kDa and modified TDG is 55 Application WB WB,IP	

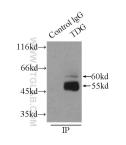
For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

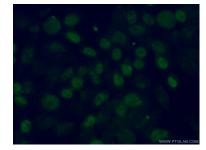
## Selected Validation Data



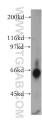
Various lysates were subjected to SDS PAGE followed by western blot with 13370-1-AP (TDG antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-TDG (IP:13370-1-AP, 3ug; Detection:13370-1-AP 1:400) with U-937 cells lysate 3000ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 13370-1-AP (TDG antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



human brain tissue were subjected to SDS PAGE followed by western blot with 13370-1-AP (TDG antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.