For Research Use Only

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

Featured Product



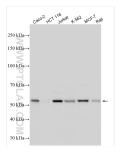


Basic Information	Catalog Number: 13370-1-AP	GenBank Accession BC037557	Number:	Purification Method:	
	Size:	GenelD (NCBI):		Antigen affinity purification Recommended Dilutions:	
	400 μ g/ml	6996		WB 1:2000-1:10000	
	Source:	UNIPROT ID:		IP 0.5-4.0 ug for 1.0-3.0 mg of total	
	Rabbit	Q13569 protei		protein 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	

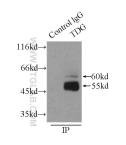
For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

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

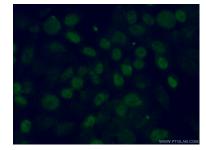
Selected Validation Data



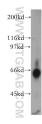
Various lysates were subjected to SDS PAGE followed by western blot with 13370-1-AP (TDG antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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.