

Product Datasheet

TDG Antibody (622) - Azide and BSA Free NBP2-43717

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-43717

TDG Antibody (622) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	622
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	46 kDa

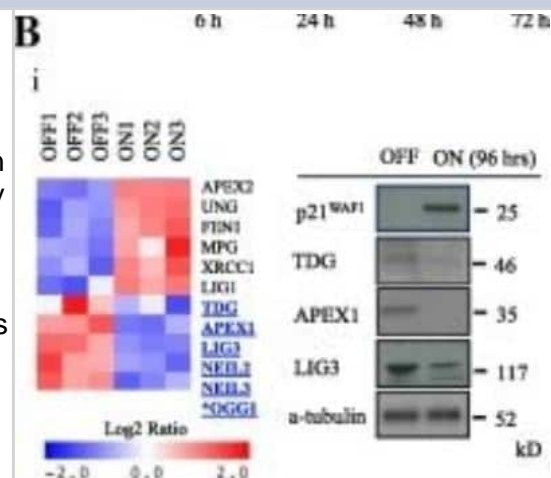
Product Description	
Description	Novus Biologicals Mouse TDG Antibody (622) - Azide and BSA Free (NBP2-43717) is a monoclonal antibody validated for use in WB. Anti-TDG Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6996
Gene Symbol	TDG
Species	Human
Reactivity Notes	Mouse (88%), Rat (84%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human TDG. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:5000-1:20000

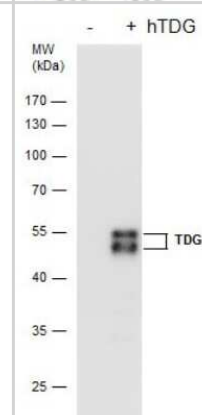


Images

Western Blot: TDG Antibody (622) [NBP2-43717] - RNAseq analysis showed that essential factors of the BER pathway were statistically significantly down-regulated ($p < 0.05$) in 96-h induced Saos2- (i) and Li-Fraumeni- (ii) p21WAF1/Cip1 Tet-ON cells (see also Additional file 1: Figure S3 for specific real time RT-PCR validation). Note that although in Saos2- p21WAF1/Cip1 Tet-ON cells OGG1 expression was not found by RNAseq analysis, specific real-time RT-PCR and microarray analysis (see also Additional file 1: Figure S3) [9] confirmed its decreased expression. Selective immunoblots for APEX1, LIG3, TDG, and MUTY confirmed the specificity of the RNA analysis results. α -Tubulin served as loading control. Image collected and cropped by CiteAb from the following publication (genomebiology.biomedcentral.com/articles/10.1186/s13059-018-1401-9), licensed under a CC-BY license.



Western Blot: TDG Antibody (622) [NBP2-43717] - Analysis of 293T mock transfected (-) or transfected with a construct expressing human TDG. 10 % SDS-PAGE TDG antibody dilution: 1:10000.



Publications

Galanos P, Pappas G, Polyzos A et al. Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. *Genome Biol.* 2018-03-16 [PMID: 29548335] (WB)



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Products Related to NBP2-43717

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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