

KD-Validated Anti-TAR DNA Binding protein Rabbit Monoclonal Antibody

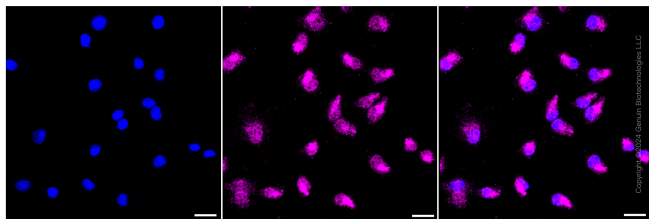
ABG1472

Product Overview

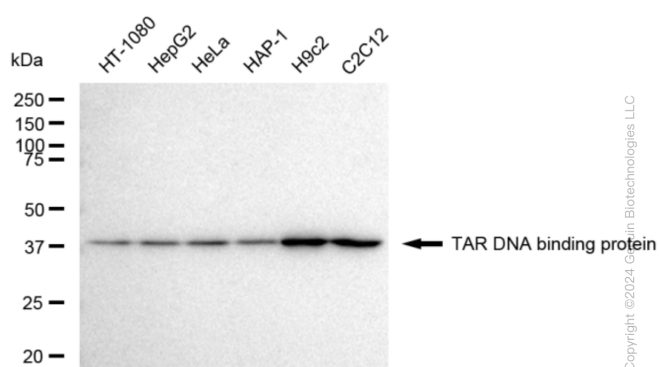
Name	KD-Validated Anti-TAR DNA binding protein Rabbit Monoclonal Antibody
Accession(Primary)	Q13148
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TDP43
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 45 kDa, observed, 40 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q13148)

Gene Name	TARDBP
About Gene Symbol	TARDBP (TAR DNA Binding Protein) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

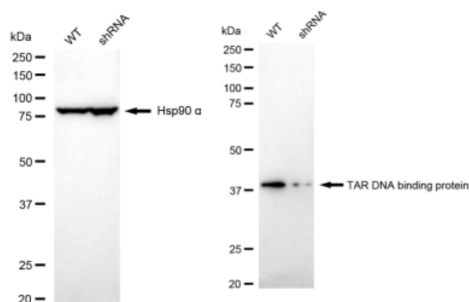


Immunocytochemical staining of C2C12 cells with TAR DNA binding protein antibody (Cat#ABG1472, 1:1,000). Nuclei were stained blue with DAPI; TAR DNA binding protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



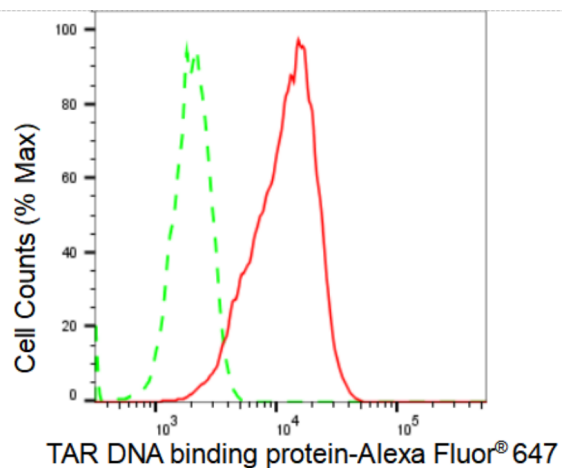
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Western blotting analysis using anti-TAR DNA binding protein antibody (Cat#ABG1472). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TAR DNA binding protein antibody (Cat#ABG1472, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-TAR DNA binding protein antibody (Cat#ABG1472). TAR DNA binding protein expression in wild type (WT) and TAR DNA binding protein shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TAR DNA binding protein antibody (Cat#ABG1472, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of TAR DNA binding protein expression in C2C12 cells using TAR DNA binding protein antibody (Cat#ABG1472, 1:2,000). Green, isotype control; red, TAR DNA binding protein.