

TNFAIP3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues surrounding Gly267 of human A20/TNFAIP3
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10977397

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-

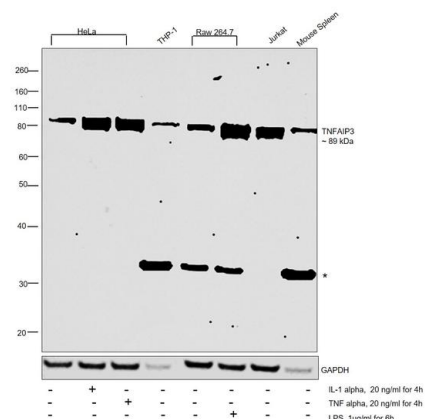
Product Specific Information

It is not recommended to aliquot this antibody.

Product Images For TNFAIP3 Polyclonal Antibody

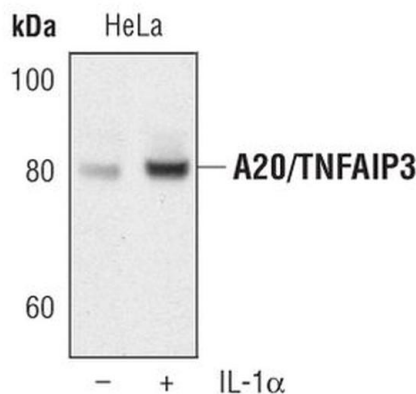
TNFAIP3 Antibody (PA5-17149) in WB

Western blot was performed using Anti-TNFAIP3 Polyclonal Antibody (Product # PA5-17149) and a 89 kDa band corresponding to TNFAIP3 was observed across all cell lines and tissue extracts tested and was upregulated upon IL-1 alpha, TNF-alpha and LPS treatments. A uncharacterized band (*) was also observed in some cell lines at ~32 kDa. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), HeLa treated with IL-1 alpha (20 ng/mL for 4H) (Lane 2), HeLa treated with TNF-alpha (20 ng/mL for 4H) (Lane 3), THP-1 (Lane 4), RAW 264.7 (Lane 5), RAW 264.7 treated with LPS (1 µg/mL for 6H) (Lane 6), Jurkat (Lane 7) and Mouse Spleen (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



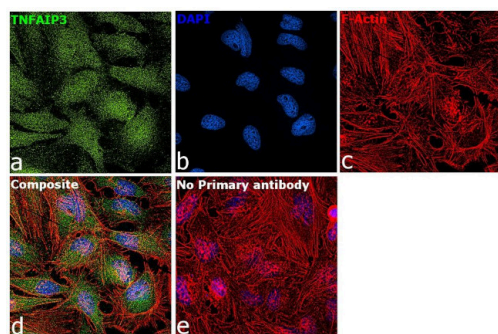
TNFAIP3 Antibody (PA5-17149) in WB

Western blot analysis of A20/TNFAIP3 in extracts from HeLa cells, untreated or treated with IL-1 α (20 ng/mL for 2 hours) using A20/TNFAIP3 polyclonal antibody (Product # PA5-17149).



TNFAIP3 Antibody (PA5-17149) in ICC/IF

Immunofluorescence analysis of TNFAIP3 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with TNFAIP3 Polyclonal Antibody (Product # PA5-17149) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), 1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing cytoplasmic and nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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