

# UPF1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human UPF1
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2649284

Applications	Tested Dilution	Publications
Western Blot (WB)	0.02 - 0.4 µg/mL	-
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

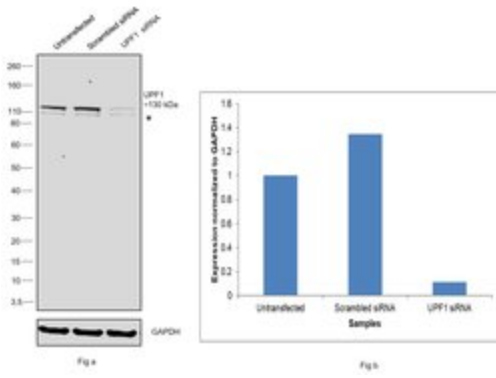
## Product Specific Information

Immunogen sequence: LEELWKENPS ATLEDLEKPG VDEEPQHVLL RYEDAYQYQN IFGPLVKLEA DYDKKLIKESQ TQDNITVRWD LGLNKKRIAY FTLPKTD

Highest antigen sequence identity to the following orthologs: Mouse - 99%, Rat - 99%.

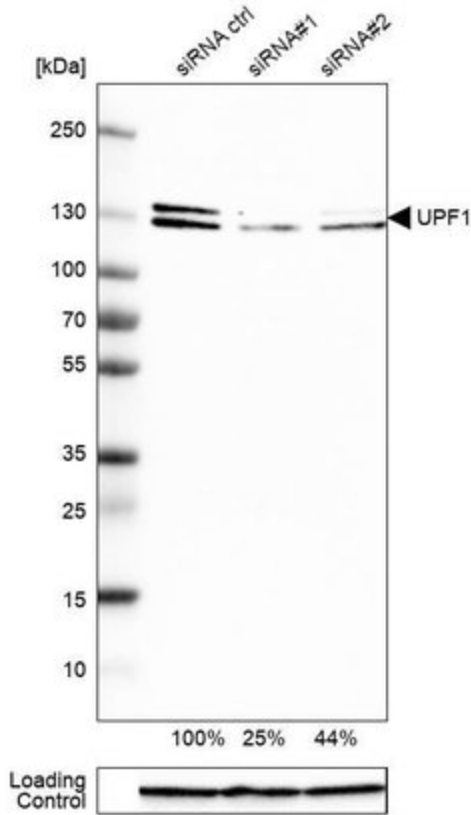
**UPF1 Antibody (PA5-54031)**

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. PC-3 cells were transfected with UPF1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-UPF1 Polyclonal Antibody (Product # PA5-54031). Knockdown validation info.

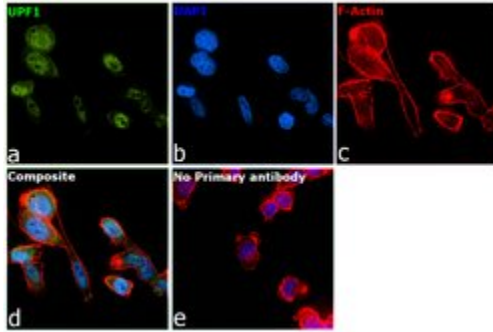


**UPF1 Antibody (PA5-54031)**

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-549 cells were transfected with, control siRNA, UPF1 siRNA probe #1, and UPF1 siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-UPF1 Polyclonal Antibody (Product # PA5-54031) used at a dilution of 0.4 µg/ml. Anti-GAPDH was used as a loading control. Knockdown validation info.



## Product Images For UPF1 Polyclonal Antibody



### UPF1 Antibody (PA5-54031) in ICC/IF

Immunofluorescence analysis of UPF1 was performed using 70% confluent log phase PC-3 cells. The cells were fixed with 4% paraformaldehyde for 5 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with UPF1 Polyclonal Antibody (Product # PA5-54031) at 1 µg/mL 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). Panel d represents the merged image showing Nucleus and cytoplasm localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60x magnification.

[View more figures on thermofisher.com](https://www.thermofisher.com)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.