

HMGA2 Polyclonal Antibody

Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 64-92 amino acids from the C-terminal region of human HMGA2
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2542776

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Flow Cytometry (Flow)	1:10-1:50	-

Product Specific Information

This antibody is predicted to react with mouse based on sequence homology.

Product Images For HMGA2 Polyclonal Antibody

HMGA2 Antibody (PA5-25276)

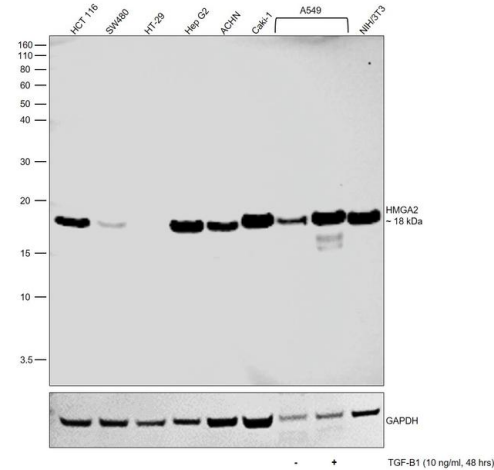
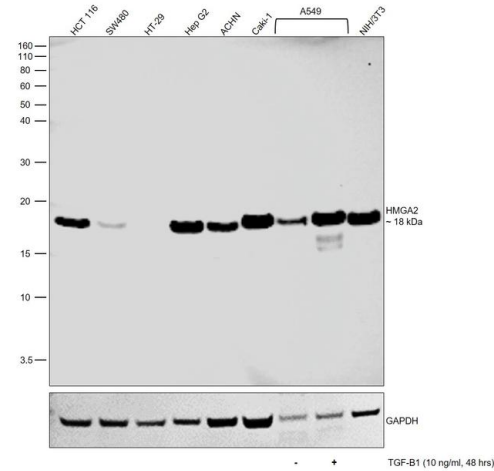
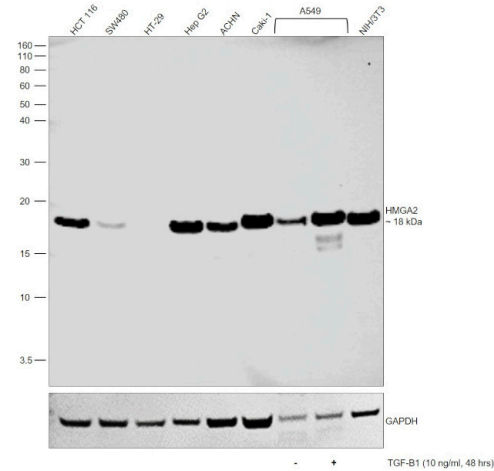
Antibody specificity was demonstrated by detection of differential basal expression of the target across the cell lines tested owing to their inherent genetic constitution. Relative expression of High mobility group protein HMGI-C was observed in HCT 116 in comparison with HT-29 which expresses very low levels of HMGA2 (<https://doi.org/10.1093/carcin/bgw029>). using Anti-HMGA2 Polyclonal Antibody (Product # PA5-25276) in Western Blot. {RE}

HMGA2 Antibody (PA5-25276) in WB

Western blot was performed using Anti-HMGA2 Polyclonal Antibody (Product # PA5-25276) and a 18 kDa band corresponding to High mobility group protein HMGI-C was observed. Nuclear enriched extracts (30 µg lysate) of HCT 116 (Lane 1), SW480 (Lane 2), HT-29 (Lane 3), Hep G2 (Lane 4), ACHN (Lane 5), Caki-1 (Lane 6), A549 (Lane 7), A549 treated with 10 ng/mL TGF-B1 for 48 hrs (Lane 8) and NIH/3T3 (Lane 9) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0342BOX). 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 (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Relative expression was observed between HCT 116 and HT-29. TGF-B1 induced upregulation of HMGA2 expression was also observed in A549.

HMGA2 Antibody (PA5-25276)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using HMGA2 Polyclonal Antibody (Product # PA5-25276), shows upregulation of HMGA2 expression in A549 cells treated with TGF-B1 (<https://doi.org/10.3892/ijmm.2016.2705>). {TM}



View more figures on 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.