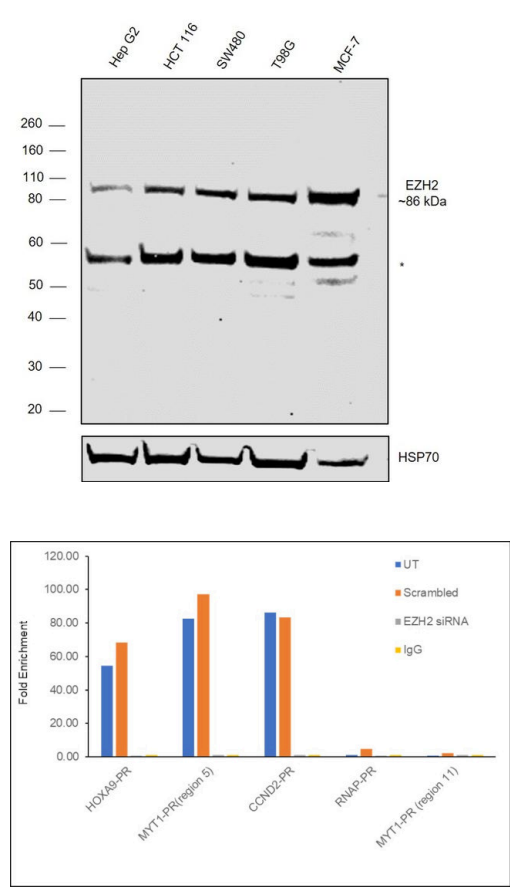


# EZH2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Tag, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the internal region of the human EZH2 (ENX1) protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533271

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	6 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:20	2 Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	3 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	-	2 Publications
ChIP assay (ChIP)	2.5 µg/10^6 cells	5 Publications
in situ PLA (PLA)	-	1 Publication

Product Images For EZH2 Polyclonal Antibody

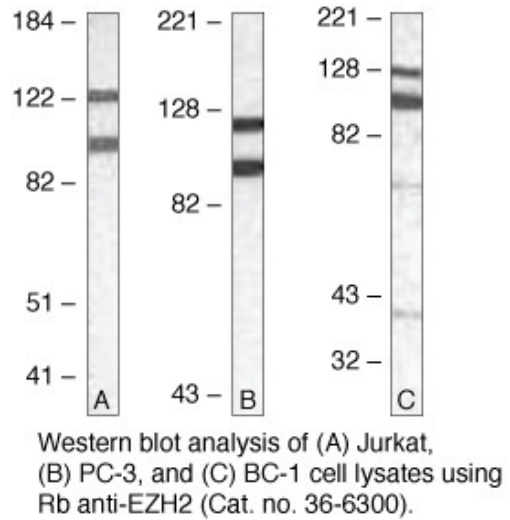


EZH2 Antibody (36-6300) in WB

Western blot was performed using Anti-EZH2 Polyclonal Antibody (Product # 36-6300) and a EZH2 specific ~86 kDa band was observed across the panel tested. Modified whole cell extracts (1% SDS) (30 µg lysate) of Hep G2 (Lane 1), HCT 116 (Lane 2), SW480 (Lane 3), T98G (Lane 4) and MCF-7 (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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 (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL1500 (Product # A44115). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). An uncharacterized band at ~58 kDa was also observed in all the cell lines tested.

EZH2 Antibody (36-6300)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Knockdown of EZH2 was achieved by transfecting HeLa cells with EZH2 specific siRNAs (Silencer® select Product # S4917 and S4918). ChIP was performed using EZH2 Polyclonal Antibody (Product # 36-6300) on sheared chromatin from HeLa knockdown cells (grey bar), non-specific scrambled siRNA transfected cells (orange bar) and untransfected cells (blue bar). Decrease in fold enrichment of active binding region in siRNA mediated knockdown cells confirms that antibody is specific to EZH2. {KD}



EZH2 Antibody (36-6300) in WB

Western blot analysis of (A) Jurkat, (B) PC-3, and (C) BC-1 cell lysates using Rb anti-EZH2 (Product # 36-6300).

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

Western Blot (6)

<p><b>Oncotarget</b></p> <p><b>The microRNA signature of patients with sunitinib failure: regulation of UHRF1 pathways by microRNA-101 in renal cell carcinoma.</b></p> <p>"Published figure using EZH2 polyclonal antibody (Product # 36-6300) in Western Blot"</p> <p>Authors: Goto Y,Kurozumi A,Nohata N,Kojima S,Matsushita R,Yoshino H,Yamazaki K,Ishida Y,Ichikawa T,Naya Y,Seki N</p>	<p><b>Year</b> 2016</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:250</p>
<p><b>Oncology reports</b></p> <p><b>Ribavirin as a tri-targeted antitumor repositioned drug.</b></p> <p>"36-6300 was used in western blot to investigate the therapeutic potential of ribavirin as a cancer drug"</p> <p>Authors: De la Cruz-Hernandez E,Medina-Franco JL,Trujillo J,Chavez-Blanco A,Dominguez-Gomez G,Perez-Cardenas E,Gonzalez-Fierro A,Taja-Chayeb L,Dueñas-Gonzalez A</p>	<p><b>Year</b> 2015</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:1000</p>

[View more WB references on thermofisher.com](#)

Immunohistochemistry (4)

<p><b>PeerJ</b></p> <p><b>ARID1A alterations and their clinical significance in cholangiocarcinoma.</b></p> <p>"Published figure using EZH2 polyclonal antibody (Product # 36-6300) in Immunohistochemistry"</p> <p>Authors: Namjan A,Techasen A,Loilome W,Sa-Ngaimwibool P,Jusakul A</p>	<p><b>Year</b> 2022</p> <p><b>Species</b> Human</p>
<p><b>Development (Cambridge, England)</b></p> <p><b>Repression of Igf1 expression by Ezh2 prevents basal cell differentiation in the developing lung.</b></p> <p>"36-6300 was used in Immunohistochemistry-immunofluorescence to explore the role of the histone methyltransferase Ezh2 during lung lineage determination."</p> <p>Authors: Galvis LA,Holik AZ,Short KM,Pasquet J,Lun AT,Blewitt ME,Smyth IM,Ritchie ME,Asselin-Labat ML</p>	<p><b>Year</b> 2015</p> <p><b>Species</b> Mouse</p> <p><b>Dilution</b> 1:250</p>

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

- IHC (P) (2)
- ICC/IF (3)
- IP (2)
- ChIP (5)
- PLA (1)

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.