

# Product Datasheet

## EZH2/KMT6 Antibody - BSA Free NBP2-17087

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 2

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Updated 9/25/2025 v.20.1

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**NBP2-17087**

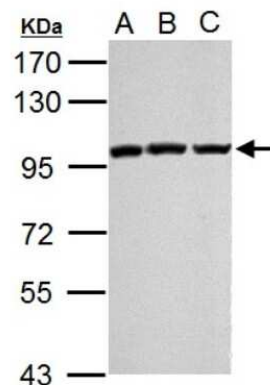
EZH2/KMT6 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	85 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit EZH2/KMT6 Antibody - BSA Free (NBP2-17087) is a polyclonal antibody validated for use in WB, ICC/IF and ChIP. Anti-EZH2/KMT6 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2146
<b>Gene Symbol</b>	EZH2
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Xenopus laevis (97%), Japanese medaka (95%),
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human EZH2/KMT6. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) Assay dependent

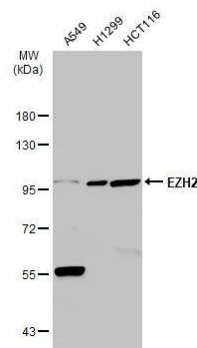


## Images

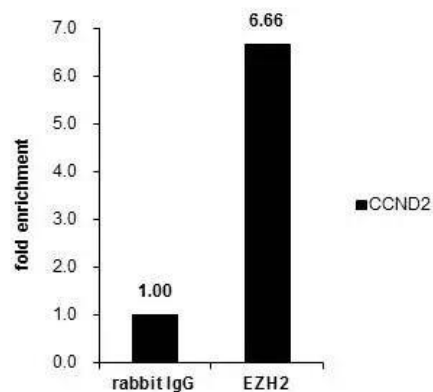
Western Blot: KMT6/EZH2 Antibody [NBP2-17087] - Sample (30 ug of whole cell lysate) A: H1299 B: HCT116 C: MCF-7 7.5% SDS PAGE gel, diluted at 1:1000.



Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with EZH2 antibody (NBP2-17087) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-EZH2 antibody. The precipitated DNA was detected by PCR with primer set targeting to CCND2.



EZH2 antibody detects EZH2 protein at nucleus by immunofluorescent analysis.

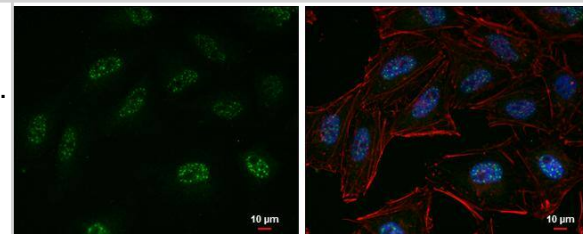
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: EZH2 protein stained by EZH2 antibody (NBP2-17087) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Blue: Hoechst 33342 staining.

Scale bar = 10 um.



## Publications

White JR, Thompson DT, Koch KE et al. AP-2 $\beta$ -Mediated Activation of E2F and EZH2 Drives Melanoma Metastasis *Cancer Research* 2021-09-01 [PMID: 34210752] (Western Blot)

Dan Gu, Ting Cao, Shijie Yi, Xiaoqian Li, Ya Liu Transcription suppression of GABARAP mediated by lncRNA XIST-EZH2 interaction triggers caspase-11-dependent inflammatory injury in ulcerative colitis. *Immunobiology* 2024-03-06 [PMID: 38484431]





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### **Products Related to NBP2-17087**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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