

Product Datasheet

G9a/EHMT2 Antibody - BSA Free NBP2-55881

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-55881

G9a/EHMT2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

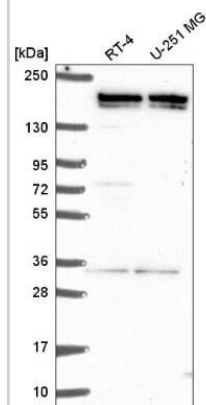
Product Description	
Description	Novus Biologicals Rabbit G9a/EHMT2 Antibody - BSA Free (NBP2-55881) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10919
Gene Symbol	EHMT2
Species	Human
Reactivity Notes	Mouse 85%, Rat 87%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PRSEETLPKATPDSLEPAGPSSPASVTVTVGDEGADTPVGATPLIGDESENLE GDGDLRGGRILLGHATKSFPS

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

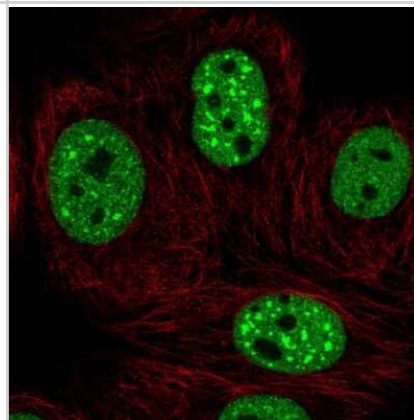


Images

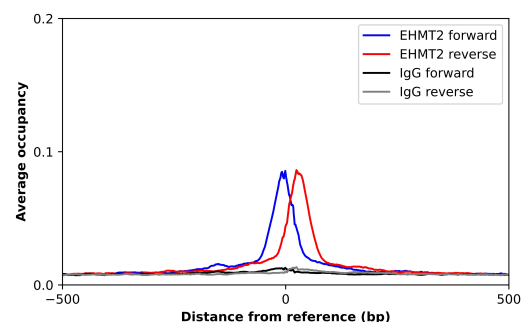
Western Blot: G9a/EHMT2 Antibody [NBP2-55881] - Western blot analysis in human cell line RT-4 and human cell line U-251 MG.



Immunocytochemistry/Immunofluorescence: G9a/EHMT2 Antibody [NBP2-55881] - Staining of human cell line MCF7 shows localization to nucleoplasm & nuclear speckles. Antibody staining is shown in green.



ChIP-Exo-Seq composite graph for Anti-EHMT2 (NBP2-55881) tested in HEK293 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-55881

NBP2-55881PEP	G9a/EHMT2 Recombinant Protein Antigen
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

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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