

Product Datasheet

CBX3 Antibody (JU81-36) NBP2-75432

Unit Size: 100 ul

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

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NBP2-75432

CBX3 Antibody (JU81-36)

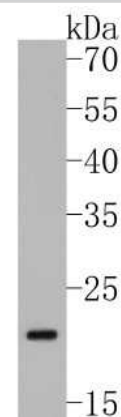
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU81-36
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	20 kDa

Product Description	
Host	Rabbit
Gene Symbol	CBX3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CBX3 aa 38-87 / 183. (SwissProt: Q13185 Human; SwissProt: P23198 Mouse; SwissProt: Q5RJK5 Rat)

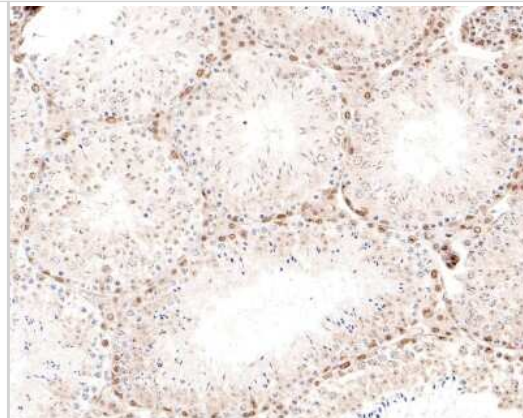
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:200

Images

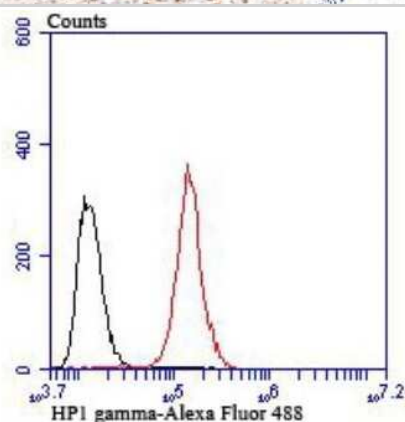
Western Blot: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of CBX3 on mouse colon tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



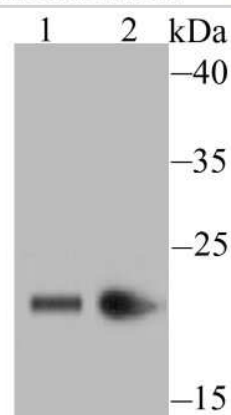
Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded mouse testis tissue using anti-CBX3 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



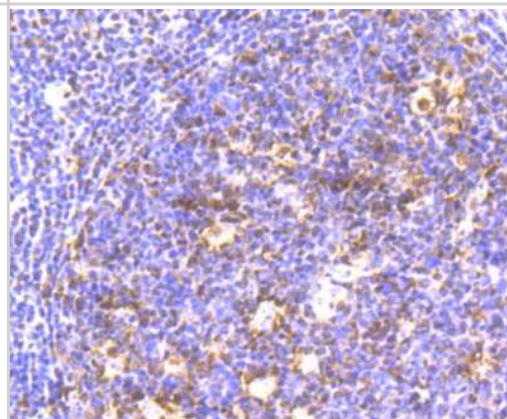
Flow Cytometry: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of HeLa cells with HP1 gamma antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor® 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



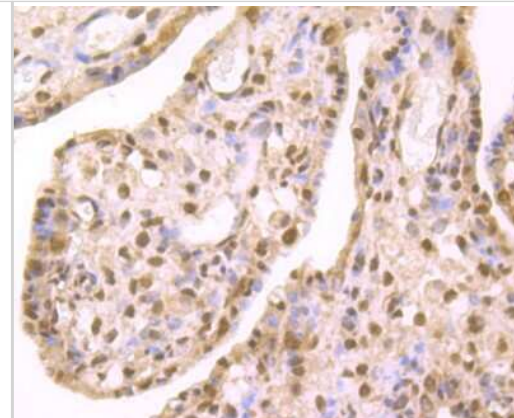
Western Blot: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of HP1 gamma on PC-12 (1) and MCF-7 (2) cell lysate using anti-HP1 gamma antibody at 1/500 dilution.



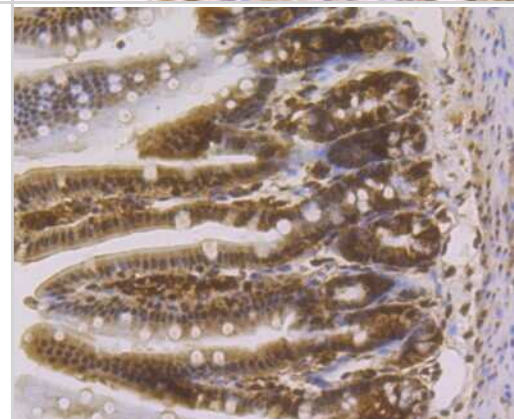
Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded human tonsil tissue using anti-HP1 gamma antibody. Counter stained with hematoxylin.



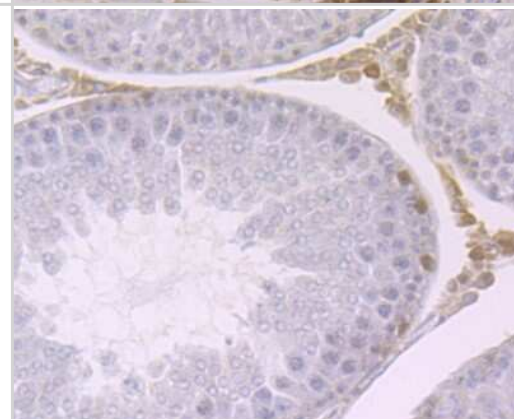
Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded human placenta tissue using anti-HP1 gamma antibody. Counter stained with hematoxylin.



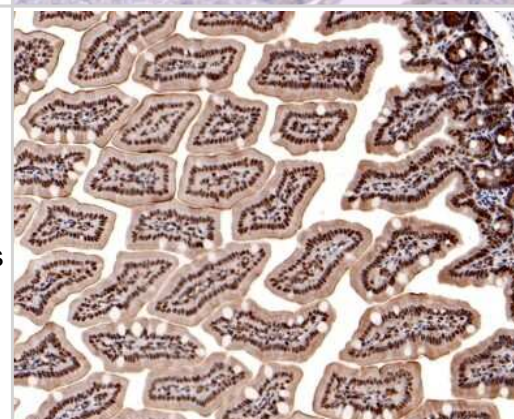
Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded mouse colon tissue using anti-HP1 gamma antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded rat testis tissue using anti-HP1 gamma antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CBX3 Antibody (JU81-36) [NBP2-75432] - Analysis of paraffin-embedded mouse colon tissue using anti-CBX3 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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