

Product Datasheet

SOX9 Antibody (5Y4J8)

NBP3-15875-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-15875-100ul

SOX9 Antibody (5Y4J8)

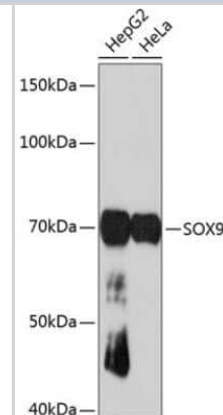
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5Y4J8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	56 kDa

Product Description	
Host	Rabbit
Gene ID	6662
Gene Symbol	SOX9
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 169-300 of human SOX9 (P48436). HPDYKYQPRRRKSVKNGQAEAEATEQTHISPNAIFKALQADSPHSSSGMSEV HSPGEHSGQSQGPPTTPPTTPKTDVQPGKADLKREGRPLPEGGRQPPIDFRDV DIGELSSDVISNIETFDVNEFDQYLPP

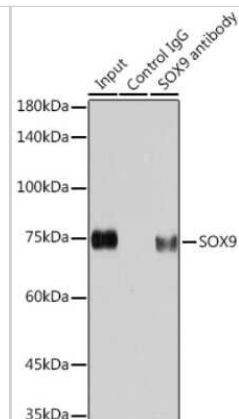
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:100 - 1:500

Images

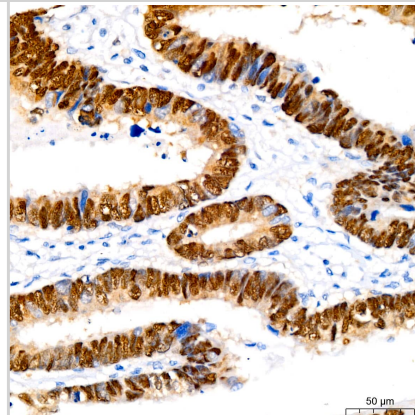
Western Blot: SOX9 Antibody (5Y4J8) [NBP3-15875] - Western blot analysis of extracts of various cell lines, using SOX9 antibody (NBP3-15875) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



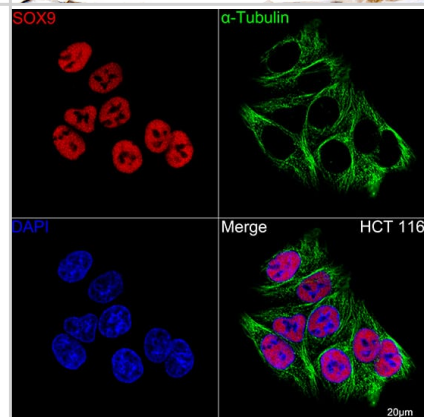
Immunoprecipitation: SOX9 Antibody (5Y4J8) [NBP3-15875] -
Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug
SOX9 antibody (NBP3-15875). Western blot was performed from the
immunoprecipitate using SOX9 antibody (NBP3-15875) at a dilution of
1:1000.



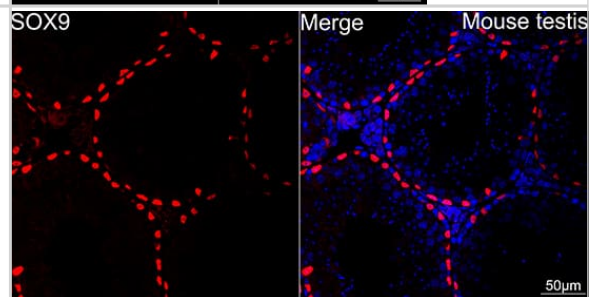
Immunohistochemistry: SOX9 Antibody (5Y4J8) [SOX9] -
Immunohistochemistry analysis of paraffin-embedded Human gastric
cancer using SOX9 Rabbit mAb at dilution of 1:400 (40x lens). High
pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH
9.0) prior to IHC staining.



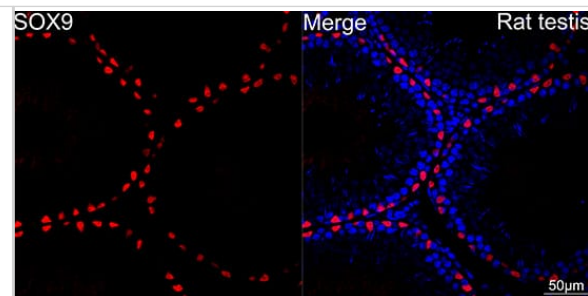
Immunocytochemistry/ Immunofluorescence: SOX9 Antibody (5Y4J8)
[SOX9] - Confocal imaging of HCT 116 cells using SOX9 Rabbit mAb
followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) .
The cells were counterstained with alpha-Tubulin Mouse mAb followed
by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab
(Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



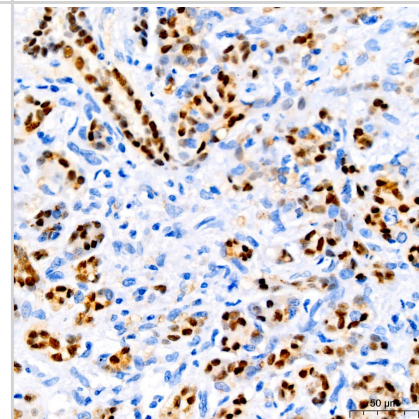
Immunocytochemistry/ Immunofluorescence: SOX9 Antibody (5Y4J8)
[SOX9] - Confocal imaging of paraffin-embedded Mouse testis using
SOX9 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-
Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective:
40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH
6.0) prior to IF staining.



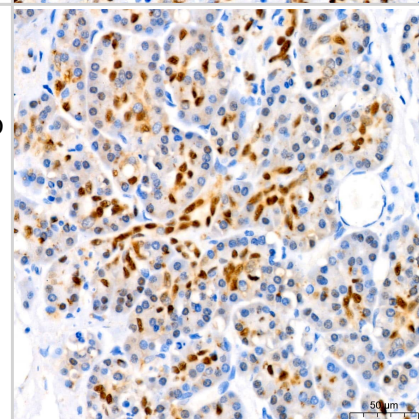
Immunocytochemistry/ Immunofluorescence: SOX9 Antibody (5Y4J8) [SOX9] - Confocal imaging of paraffin-embedded Rat testis using SOX9 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



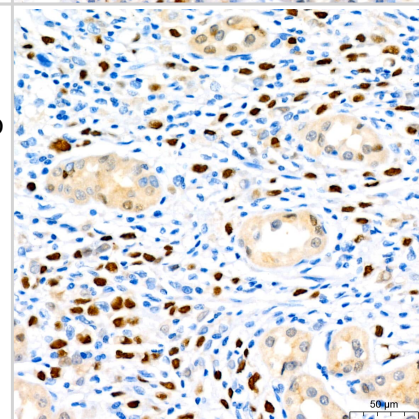
Immunohistochemistry: SOX9 Antibody (5Y4J8) [SOX9] - Immunohistochemistry analysis of paraffin-embedded Human pancreatic ductal carcinoma using SOX9 Rabbit mAb at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



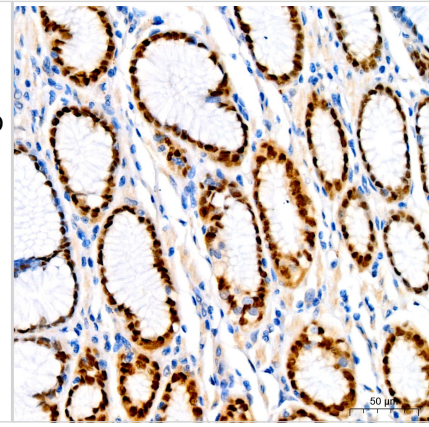
Immunohistochemistry: SOX9 Antibody (5Y4J8) [SOX9] - Immunohistochemistry analysis of paraffin-embedded Human pancreas using SOX9 Rabbit mAb at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: SOX9 Antibody (5Y4J8) [SOX9] - Immunohistochemistry analysis of paraffin-embedded Human stomach using SOX9 Rabbit mAb at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: SOX9 Antibody (5Y4J8) [SOX9] -
Immunohistochemistry analysis of paraffin-embedded Human colon
using SOX9 Rabbit mAb at dilution of 1:400 (40x lens). High pressure
antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to
IHC staining.





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Products Related to NBP3-15875-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006662-P01-10ug	Recombinant Human SOX9 GST (N-Term) Protein

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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