

Product Datasheet

HMGA1 Antibody (5J0E6)

NBP3-16379-100ul

Unit Size: 100 ul

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

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NBP3-16379-100ul

HMGA1 Antibody (5J0E6)

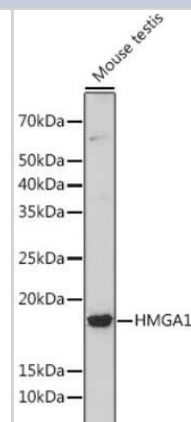
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5J0E6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	12 kDa

Product Description	
Host	Rabbit
Gene ID	3159
Gene Symbol	HMGA1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-107 of human HMGA1 (P17096). MSESSSKSSQPLASKQEKGTEKRGRGRPRKQPPVSPGTALVGSQKEPSEVP TPKRPRGRPKGSKNKGAAKTRKTTTTTPGRKPRGRPKKLEKEEEEGISQESSEE EQ

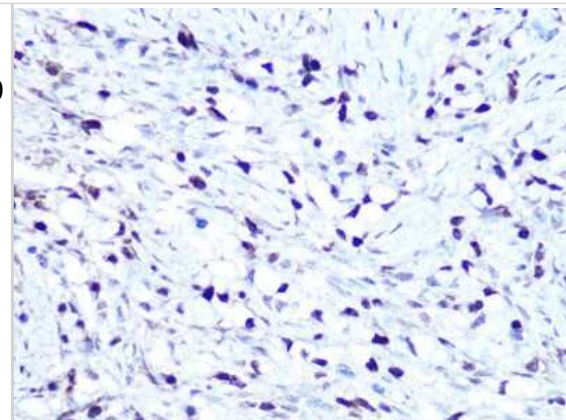
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:2000 - 1:8000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:2000 - 1:8000, Chromatin Immunoprecipitation (ChIP) 3ug antibody for 10ug-15ug of Chromatin

Images

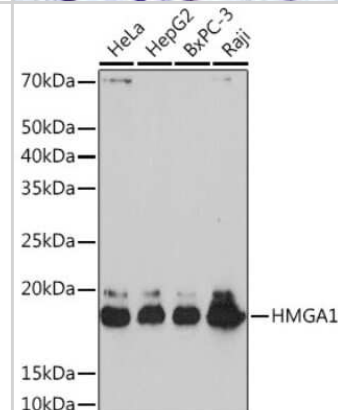
Western Blot: HMGA1 Antibody (5J0E6) [NBP3-16379] - Western blot analysis of extracts of Mouse testis, using HMGA1 Rabbit mAb (NBP3-16379) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



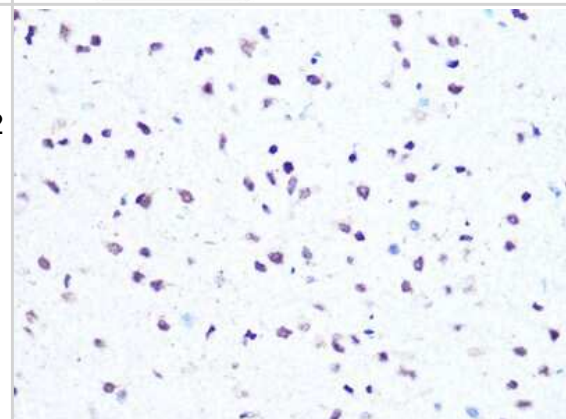
Immunohistochemistry-Paraffin: HMGA1 Antibody (5J0E6) [NBP3-16379] - Immunohistochemistry of paraffin-embedded human oophoroma using HMGA1 Rabbit mAb (NBP3-16379) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



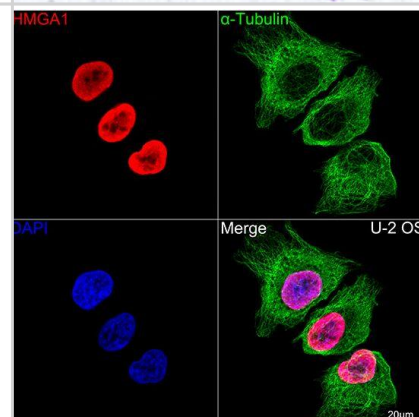
Western Blot: HMGA1 Antibody (5J0E6) [NBP3-16379] - Western blot analysis of extracts of various cell lines, using HMGA1 Rabbit mAb (NBP3-16379) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



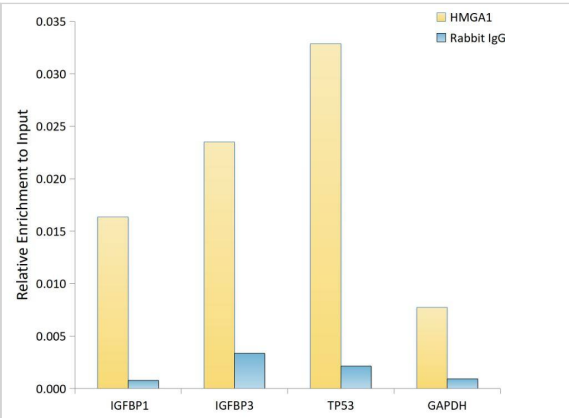
Immunohistochemistry-Paraffin: HMGA1 Antibody (5J0E6) [NBP3-16379] - Immunohistochemistry of paraffin-embedded rat brain using HMGA1 Rabbit mAb (NBP3-16379) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunocytochemistry/Immunofluorescence: HMGA1 Antibody (5J0E6) [NBP3-16379] -Confocal imaging of U-2 OS cells using HMGA1 Rabbit mAb (dilution 1:100)(Red). The cells were counterstained with α -Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Chromatin immunoprecipitation-HMGA1 Antibody (5J0E6)-NBP3-16379- Analysis of extracts from HepG2 cells, using HMGA1 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.





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Products Related to NBP3-16379-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72385-50ug	Recombinant Human HMGA1 His 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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