

Product Datasheet

HMGB4 Antibody - BSA Free

NBP1-93780

Unit Size: 0.1 ml

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

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NBP1-93780

HMGB4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

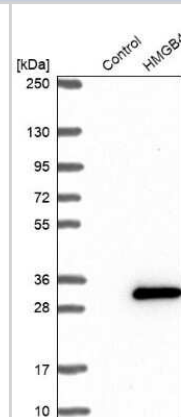
Product Description	
Host	Rabbit
Gene ID	127540
Gene Symbol	HMGB4
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24309898)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PPSSFLLFCQDHYAQLKRENPNWSVVQVAKATGKMWSTATDLEKHPYEQRVALLRKYFEELELYRKQCNARKKYRMS

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

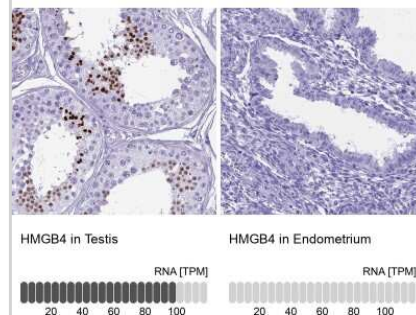


Images

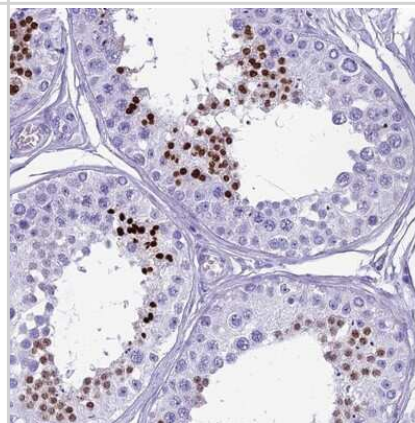
Western Blot: HMGB4 Antibody [NBP1-93780] - Analysis in control (vector only transfected HEK293T lysate) and HMGB4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



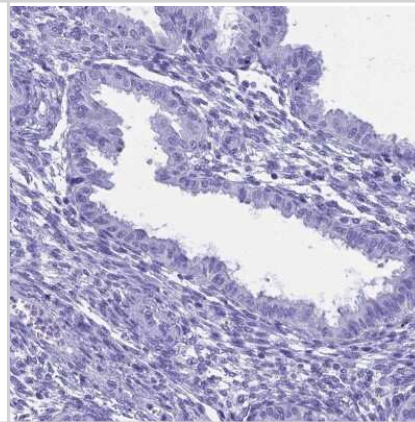
Immunohistochemistry-Paraffin: HMGB4 Antibody [NBP1-93780] - Staining in human testis and endometrium tissues using anti-HMGB4 antibody. Corresponding HMGB4 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: HMGB4 Antibody [NBP1-93780] - Staining of human testis shows strong nuclear positivity in a subset of cells in seminiferous ducts.



Immunohistochemistry-Paraffin: HMGB4 Antibody [NBP1-93780] - Staining of human endometrium shows low expression as expected.



Publications

Fagerberg L, Hallstrom BM, Oksvold P et al. Analysis of the Human Tissue-specific Expression by Genome-wide Integration of Transcriptomics and Antibody-based Proteomics. Mol Cell Proteomics 2014-02-01 [PMID: 24309898]



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Products Related to NBP1-93780

NBP1-93780PEP	HMGB4 Recombinant Protein Antigen
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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