

Product Datasheet

HMCES Antibody - BSA Free

NBP2-14410

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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Publications: 1

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NBP2-14410

HMCES 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

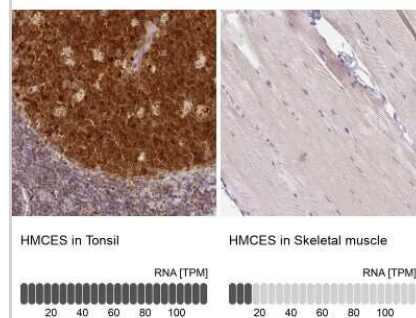
Product Description	
Description	Novus Biologicals Rabbit HMCES Antibody - BSA Free (NBP2-14410) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HMCES Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56941
Gene Symbol	HMCES
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%) Rat (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: WRLLTMAGIFDCWEPPEGGDVLYSYTITVDSCKGLSDIHRMPAILDGEEAVS KWLDGFGEVSTQEALKLIHPTENITFHAVSSVVNNS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

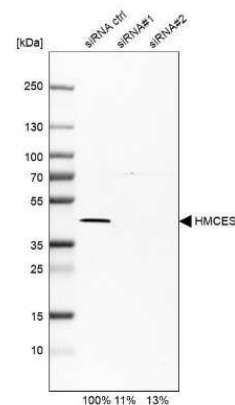


Images

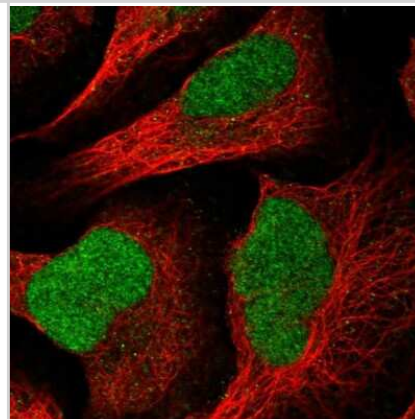
Immunohistochemistry-Paraffin: HMCES Antibody [NBP2-14410] - Staining in human tonsil and skeletal muscle tissues using NBP2-14410 antibody. Corresponding HMCES RNA-seq data are presented for the same tissues.



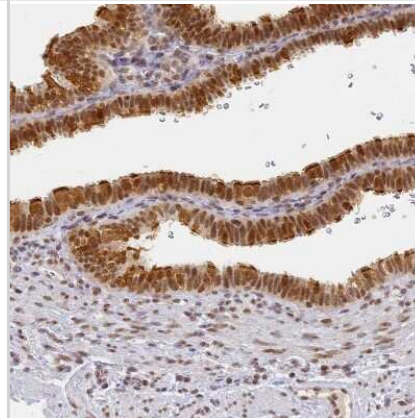
Western Blot: HMCES Antibody [NBP2-14410] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HMCES antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



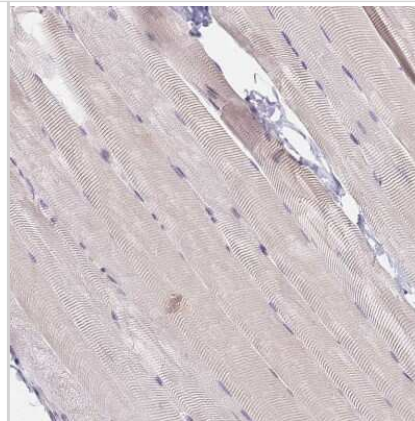
Immunocytochemistry/Immunofluorescence: HMCES Antibody [NBP2-14410] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



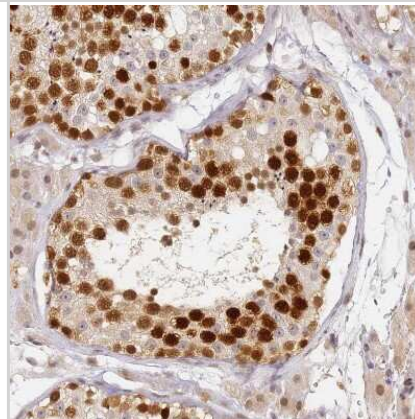
Immunohistochemistry-Paraffin: HMCES Antibody [NBP2-14410] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



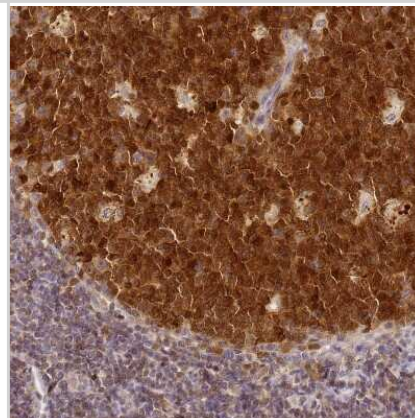
Immunohistochemistry-Paraffin: HMCES Antibody [NBP2-14410] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: HMCES Antibody [NBP2-14410] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: HMCES Antibody [NBP2-14410] - Staining of human tonsil shows strong nuclear positivity in germinal center cells.



Publications

Miyoshi T, Makino T, Moran JV Poly(ADP-Ribose) Polymerase 2 Recruits Replication Protein A to Sites of LINE-1 Integration to Facilitate Retrotransposition Mol. Cell 2019-08-13 [PMID: 31473101]



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Products Related to NBP2-14410

NBP2-14410PEP	HMCES 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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