

Product Datasheet

WEE2 Antibody - BSA Free

NBP1-83676

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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NBP1-83676

WEE2 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

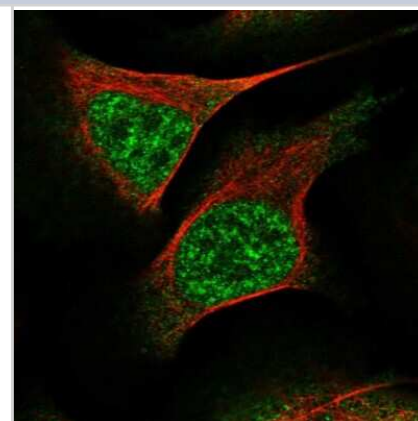
Host	Rabbit
Gene ID	494551
Gene Symbol	WEE2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (82%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TKSGNHFEETPKLKDILLQISLGLNYIHNSMVHLDIKPSNIFICHKMQSESSGVIE EVENEADWFLSANVMYKIGDLGHATSINKPKVEEGD

Product Application Details

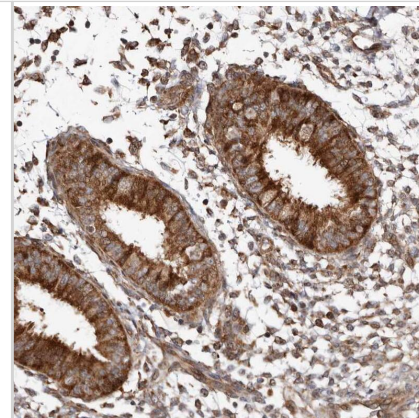
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

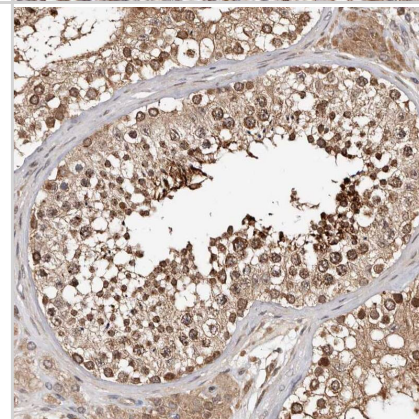
Immunocytochemistry/Immunofluorescence: WEE2 Antibody [NBP1-83676] - Staining of human cell line U-2 OS shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



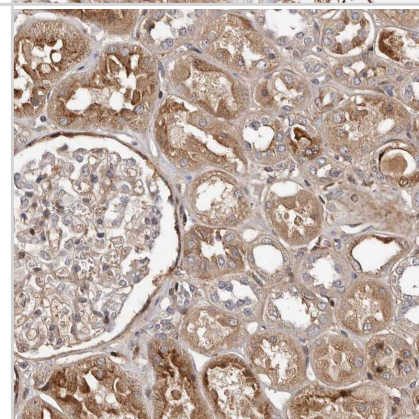
Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



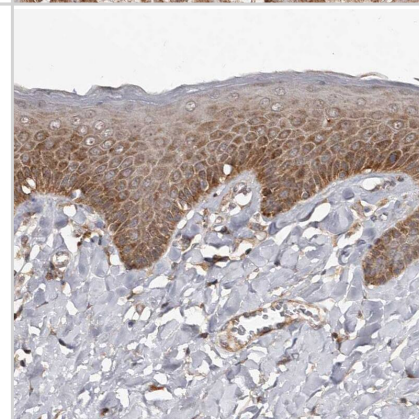
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



Publications

Guo J, Zhao H, Zhang J et al. Selective Translation of Maternal mRNA by eIF4E1B Controls Oocyte to Embryo Transition *Advanced science* (Weinheim, Baden-Wurttemberg, Germany) 2023-02-08 [PMID: 36755190] (WB, Mouse)

Dai J, Zheng W, Dai C et al. New biallelic mutations in WEE2: expanding the spectrum of mutations that cause fertilization failure or poor fertilization *Fertil. Steril.* 2019-03-01 [PMID: 30827523] (ICC/IF, Human)





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Products Related to NBP1-83676

NBP1-83676PEP	WEE2 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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