

Product Datasheet

ASTE1 Antibody - BSA Free

NBP1-81661

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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NBP1-81661

ASTE1 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

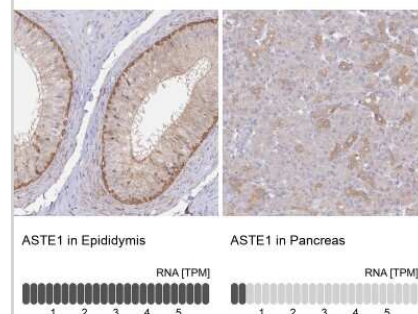
Host	Rabbit
Gene ID	28990
Gene Symbol	ASTE1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CFVQCFSEADRDIMTLANHWNCPLVSSDSDFCIFDLKTGFCPLNSFQWRNMNT IKGTQNYIPAKCFSLDAFCHHFSNMNKALLPLFAVLCGNDHVNLPIME

Product Application Details

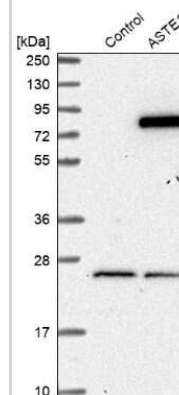
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

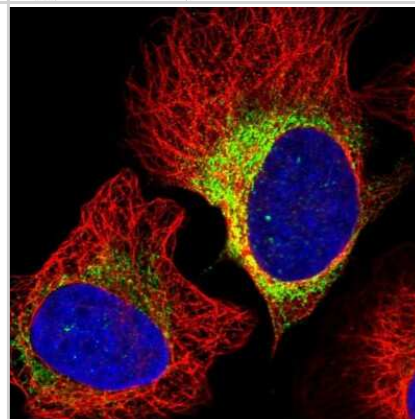
Immunohistochemistry-Paraffin: ASTE1 Antibody [NBP1-81661] - Staining in human epididymis and pancreas tissues using anti-ASTE1 antibody. Corresponding ASTE1 RNA-seq data are presented for the same tissues.



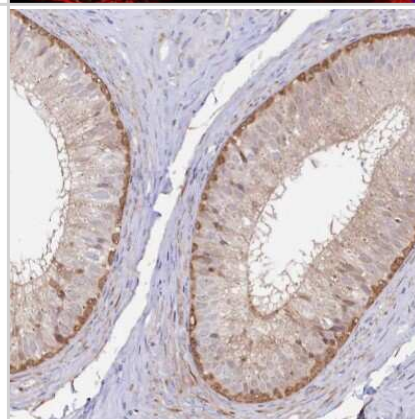
Western Blot: ASTE1 Antibody [NBP1-81661] - Analysis in control (vector only transfected HEK293T lysate) and ASTE1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



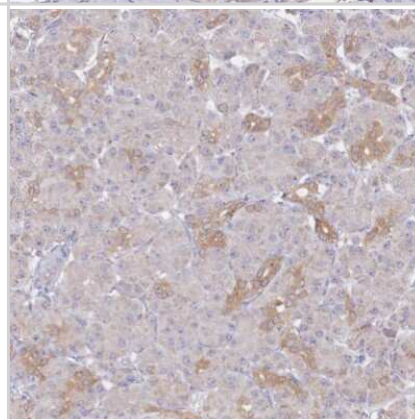
Immunocytochemistry/Immunofluorescence: ASTE1 Antibody [NBP1-81661] - Staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: ASTE1 Antibody [NBP1-81661] - Staining of human epididymis shows high expression.



Immunohistochemistry-Paraffin: ASTE1 Antibody [NBP1-81661] - Staining of human pancreas shows low expression as expected.



Publications

AM Refaat, M Nakata, A Husain, H Kosako, T Honjo, NA Begum HNRNPU facilitates antibody class-switch recombination through C-NHEJ promotion and R-loop suppression Cell Reports, 2023-03-20;42(3):112284. 2023-03-20 [PMID: 36943867]



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Products Related to NBP1-81661

NBP1-81661PEP	ASTE1 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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