

# Product Datasheet

## IST1 Antibody - BSA Free

**NBP2-33720**

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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**NBP2-33720**

IST1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

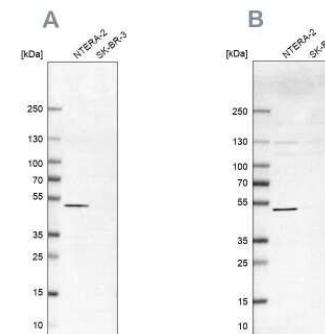
<b>Description</b>	Novus Biologicals Rabbit IST1 Antibody - BSA Free (NBP2-33720) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9798
<b>Gene Symbol</b>	IST1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: LGSGFKAERLRLVNLRLVINRLKLLKKTELAKARKEIADYLAAGKDERARIRVEHIIREDYLVEAMEILELYCDLL

**Product Application Details**

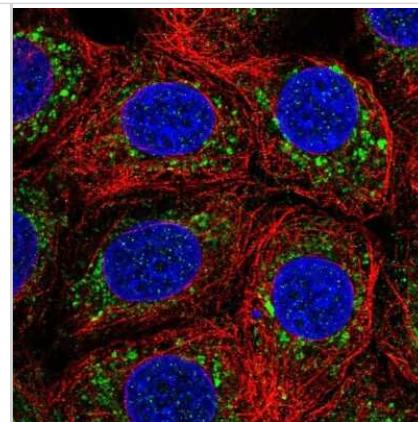
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

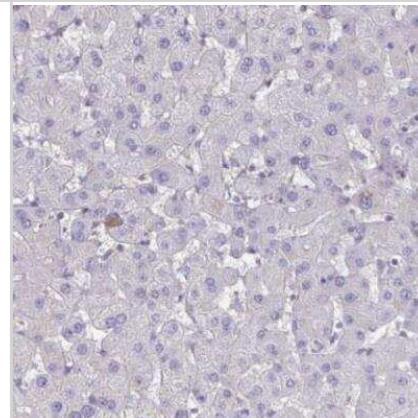
Western Blot: IST1 Antibody [NBP2-33720] - Analysis using Anti-IST1 antibody NBP2-33720 (A) shows similar pattern to independent antibody NBP1-87676 (B).



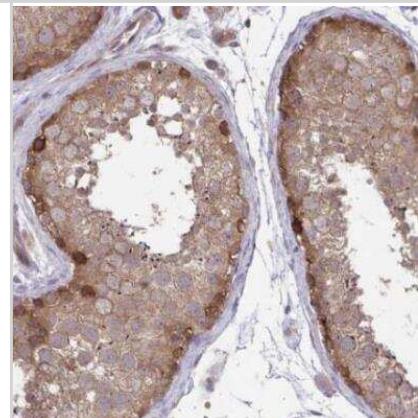
Immunocytochemistry/Immunofluorescence: IST1 Antibody [NBP2-33720] - Immunofluorescent staining of human cell line MCF7 shows localization to vesicles. Antibody staining is shown in green.



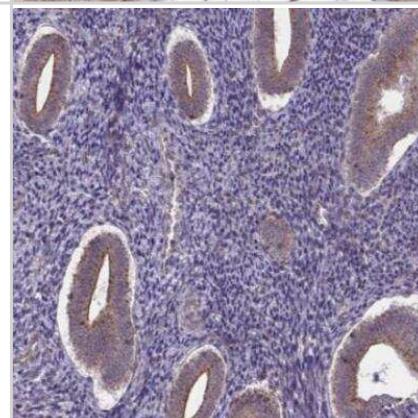
Immunohistochemistry-Paraffin: IST1 Antibody [NBP2-33720] - Staining of human liver shows no positivity in hepatocytes as expected.



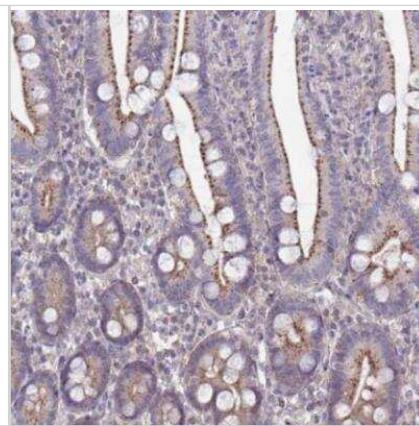
Immunohistochemistry-Paraffin: IST1 Antibody [NBP2-33720] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: IST1 Antibody [NBP2-33720] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: IST1 Antibody [NBP2-33720] - Staining of human duodenum shows moderate granular cytoplasmic positivity in glandular cells.





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## Products Related to NBP2-33720

NBP2-33720PEP	IST1 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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