

Product Datasheet

WIZ Antibody - BSA Free NBP1-80586

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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NBP1-80586

WIZ Antibody - BSA Free

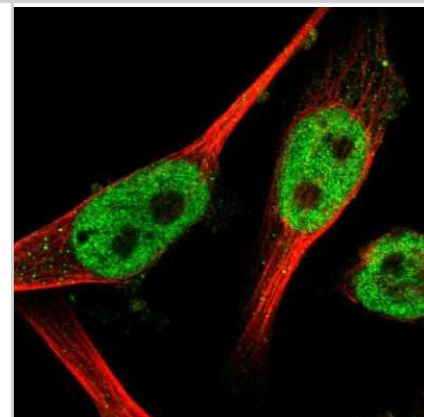
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	58525
Gene Symbol	WIZ
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32294452).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPSDLHISPLAKKLPPPPGSPGLGHSPTASPPPTARKMFPGLAAPSLPKKLKPEQI RVEIKREMLPGALHGELHPSEGPWGAPREDMTPLNLSSR

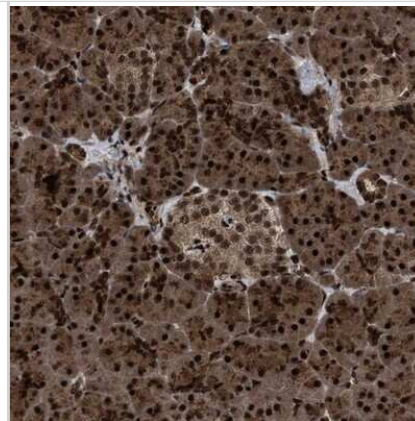
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation (ChIP) Application provided by CiteAb from the following publication (https://elifesciences.org/articles/15082),
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

Images

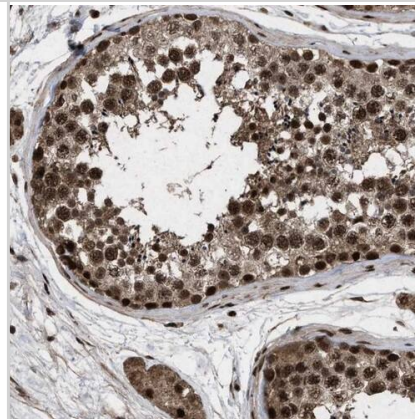
Immunocytochemistry/Immunofluorescence: WIZ Antibody [NBP1-80586] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



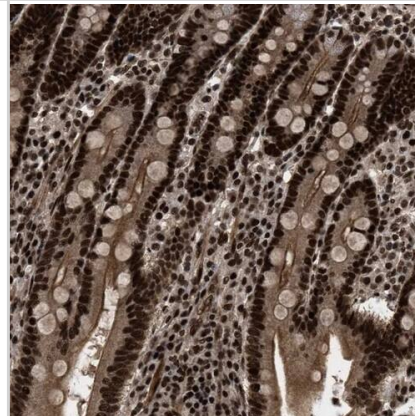
Immunohistochemistry-Paraffin: WIZ Antibody [NBP1-80586] - Staining of human pancreas shows strong nuclear and slightly weaker nuclear positivity in exocrine as well as endocrine cells.



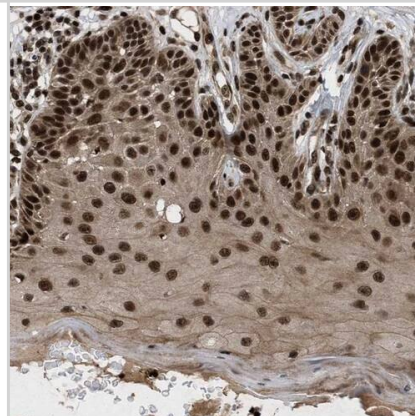
The staining of human testis shows strong nuclear-cytoplasmic positivity in cells in seminiferous ducts.



Staining of human duodenum shows strong nuclear-cytoplasmic positivity in glandular cells and lymphoid cells.



Staining of human skin shows strong nuclear-cytoplasmic positivity in squamous epithelial cells.



Publications

Chan KL, Gomez J, Cardinez C, Kumari N et Al. Inhibition of the CtBP complex and FBXO11 enhances MHC class II expression and anti-cancer immune responses *Cancer Cell* 2022-09-30 [PMID: 36179686]

Ball DP, Tsamouri LP, Wang AE et al. Oxidized thioredoxin-1 restrains the NLRP1 inflammasome *Science immunology* 2022-11-11 [PMID: 36332009] (Western Blot)

Yelagandula R, Stecher K, Novatchkova M et al. ZFP462 safeguards neural lineage specification by targeting G9A/GLP-mediated heterochromatin to silence enhancers *Nature cell biology* 2023-01-01 [PMID: 36604593] (ChIP)

Details:

Chromatin from human embryonic stem cells (hESCs) was spiked into mouse ESC chromatin, 1% relative to mouse chromatin

Whitley SK, Li M, Kashem SW et al. Local IL-23 is required for proliferation and retention of skin-resident memory TH17 cells *Science immunology* 2022-11-18 [PMID: 36367947]

Bukova I, Szczerkowska KI, Prochazkova M et al. Loss of Wiz Function Affects Methylation Pattern in Palate Development and Leads to Cleft Palate *Frontiers in cell and developmental biology* 2021-06-02 [PMID: 34150743] (IF/IHC, Mouse)

Justice M, Carico ZM, Stefan HC, Downen JM A WIZ/Cohesin/CTCF Complex Anchors DNA Loops to Define Gene Expression and Cell Identity *Cell Rep* 2020-04-14 [PMID: 32294452] (Chemotaxis, Human, Mouse)

Isbel L, Prokopuk L, Wu H et al. Wiz binds active promoters and CTCF-binding sites and is required for normal behaviour in the mouse *Elife* 2016-07-13 [PMID: 27410475] (WB)





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Products Related to NBP1-80586

NBP1-80586PEP	WIZ 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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