

Product Datasheet

ELYS Antibody - BSA Free NBP1-87952

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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NBP1-87952

ELYS Antibody - BSA Free

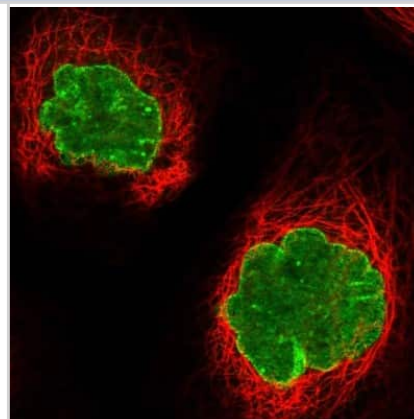
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	25909
Gene Symbol	AHCTF1
Species	Human, Bovine
Reactivity Notes	Use in Bovine reported in scientific literature (PMID: 33964210).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GEEARNLSFNELYPSGTLKLQYNFDTIDQQFCDLADNKDTAECDAIEVDGELFV AQSNTLLILEGEEGEVEPGDFASSDVLPKAANTATEEKLVCSEND

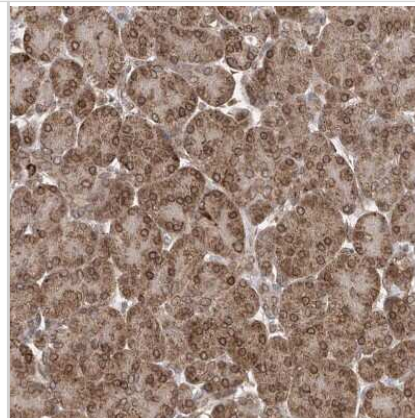
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200, Proximity Ligation Assay Reported in scientific literature (PMID:31784729), Chromatin Immunoprecipitation (ChIP) Reported in scientific literature (PMID:35017527)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

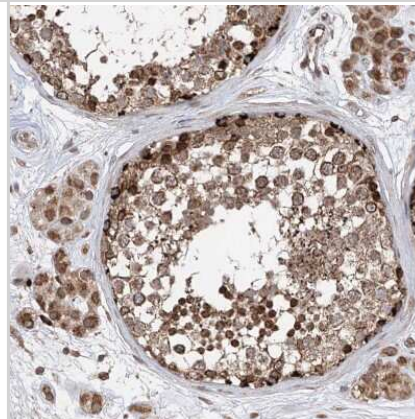
Immunocytochemistry/Immunofluorescence: ELYS Antibody [NBP1-87952] - Staining of human cell line A-431 shows localization to nuclear membrane. Antibody staining is shown in green.



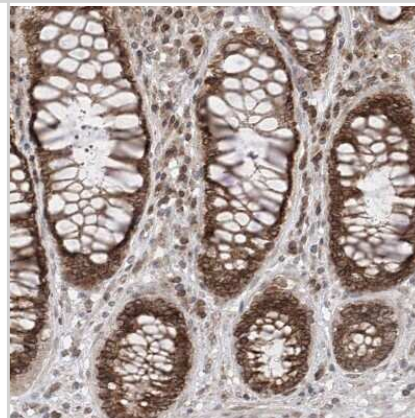
Immunohistochemistry-Paraffin: ELYS Antibody [NBP1-87952] - Staining of human pancreas shows strong positivity in nuclear membrane of exocrine glandular cells.



Immunohistochemistry-Paraffin: ELYS Antibody [NBP1-87952] - Staining of human testis shows strong positivity in nuclear membrane of cells in seminiferous ducts.



Immunohistochemistry-Paraffin: ELYS Antibody [NBP1-87952] - Staining of human rectum shows strong positivity in nuclear membrane of glandular cells.



Immunohistochemistry-Paraffin: ELYS Antibody [NBP1-87952] - Staining of human endometrium shows moderate positivity in nuclear membrane in glandular cells.



Publications

Ikliptikawati DK, Hirai N, Makiyama K et al. Nuclear transport surveillance of p53 by nuclear pores in glioblastoma Cell reports 2023-08-29 [PMID: 37552992]

Chachoua I, Tzelepis I, Dai H et al. Canonical WNT signaling-dependent gating of MYC requires a noncanonical CTCF function at a distal binding site Nature communications 2022-01-11 [PMID: 35017527] (Chemotaxis, PLA, Human)

Cavazza T, Takeda Y, Politi AZ et al. Parental genome unification is highly error-prone in mammalian embryos Cell 2021-05-27 [PMID: 33964210] (IF/IHC, Human, Bovine)

Details:

Immunocytochemistry was performed using the ELYS antibody on human and sheep zygotes. These immunofluorescent images revealed the location of during meiosis.

Lewandowska Ronnegren A Crosstalk between environmental signals and 3d genome organization in the regulation of gene expression Thesis 2021-01-01 (Chemotaxis)

Scholz BA, Sumida N, de Lima CDM et al. WNT signaling and AHCTF1 promote oncogenic MYC expression through super-enhancer-mediated gene gating Nat. Genet. 2019-12-01 [PMID: 31784729] (PLA, Human)





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Products Related to NBP1-87952

NBP1-87952PEP	ELYS 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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