

Product Datasheet

Nesprin 2 Antibody - BSA Free NBP1-84190

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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NBP1-84190

Nesprin 2 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

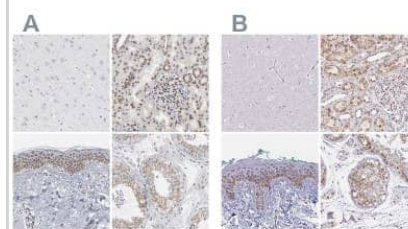
Host	Rabbit
Gene ID	23224
Gene Symbol	SYNE2
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 31006653).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NVLNDAYENLTRYKEAVTRAVESITSLEAIIIPYRVDVGNPEESLEMPRLRKQEEL ESTVARIQDLTEKLGMISSPEAKLQLQYTLQELVSKNSAMKEAFKAQETEAE

Product Application Details

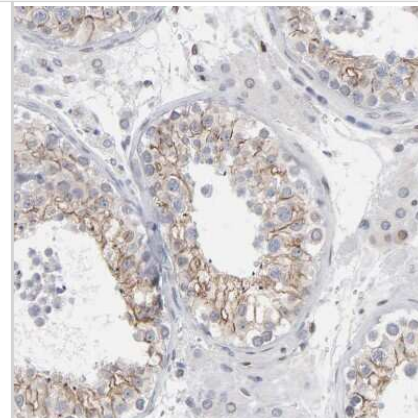
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 31006653)., Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

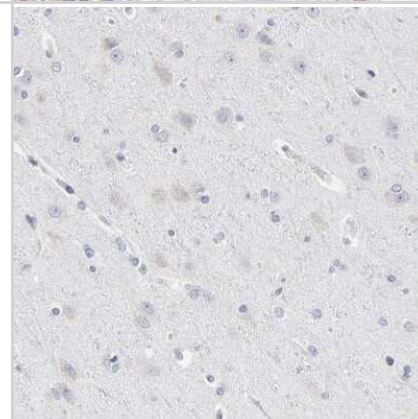
Immunohistochemistry-Paraffin: Nesprin 2 Antibody [NBP1-84190] - Staining of human cerebral cortex, kidney, skin and testis using Anti-SYNE2 antibody NBP1-84190 (A) shows similar protein distribution across tissues to independent antibody NBP2-38620 (B).



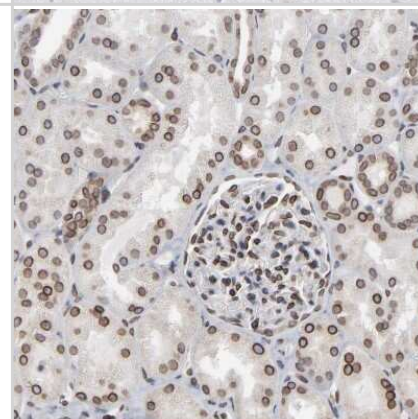
Immunohistochemistry-Paraffin: Nesprin 2 Antibody [NBP1-84190] - Staining of human testis shows moderate membranous positivity in cells in seminiferous ducts.



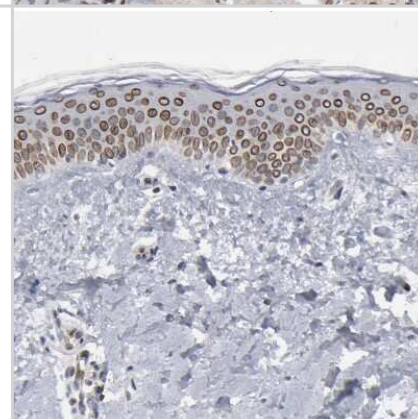
Immunohistochemistry-Paraffin: Nesprin 2 Antibody [NBP1-84190] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Immunohistochemistry-Paraffin: Nesprin 2 Antibody [NBP1-84190] - Staining of human kidney shows moderate to strong positivity in nuclear membrane in cells in tubules.



Immunohistochemistry-Paraffin: Nesprin 2 Antibody [NBP1-84190] - Staining of human skin shows moderate positivity in nuclear membrane in squamous epithelial cells.



Publications

Brody MJ, Vanhoutte D, Bakshi CV et al. Disruption of valosin-containing protein activity causes cardiomyopathy and reveals pleiotropic functions in cardiac homeostasis. J Biol Chem. 2019-04-21 [PMID: 31006653] (WB, Rat)

Versaevol M, Braquenier JB, Riaz M et al. Super-resolution microscopy reveals LINC complex recruitment at nuclear indentation sites. Sci Rep 2014-12-08 [PMID: 25482017] (IF/IHC, Human)



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Products Related to NBP1-84190

NBP1-84190PEP	Nesprin 2 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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