

Product Datasheet

Agrin Antibody - BSA Free NBP1-90209

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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NBP1-90209

Agrin Antibody - BSA Free

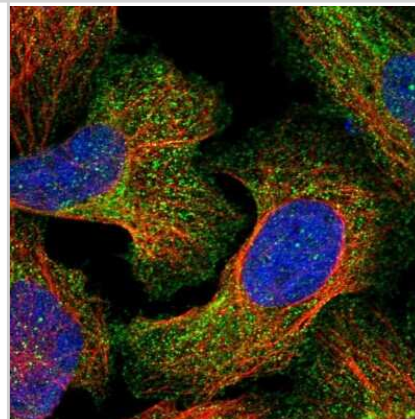
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	375790
Gene Symbol	AGRN
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RYLKGKDLVARESLLDGGNKVVISGFGDPLICDNQVSTGDTRIFFVNPAPPYLW PAHKNELMLNSSLMRITLRNLEEVEFCVEDKPGTHFTPVPPTPPDACRG

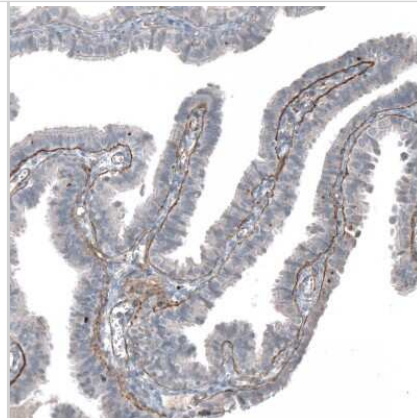
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:32029550), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

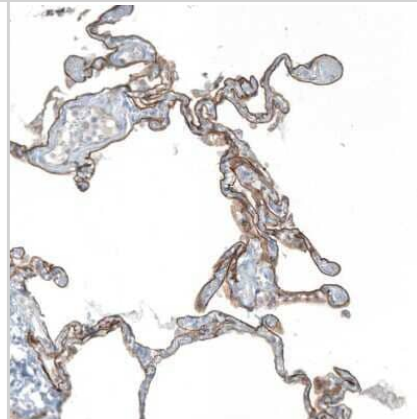
Immunocytochemistry/Immunofluorescence: Agrin Antibody [NBP1-90209] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



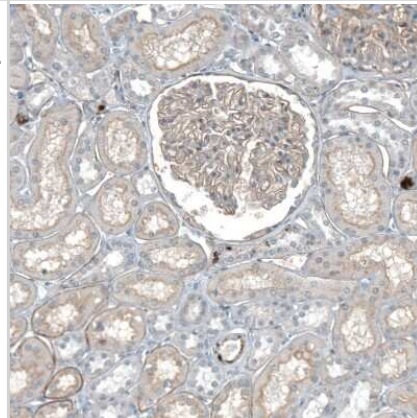
Immunohistochemistry-Paraffin: Agrin Antibody [NBP1-90209] - Staining of human Fallopian tube shows moderate positivity in basement membrane in glandular cells.



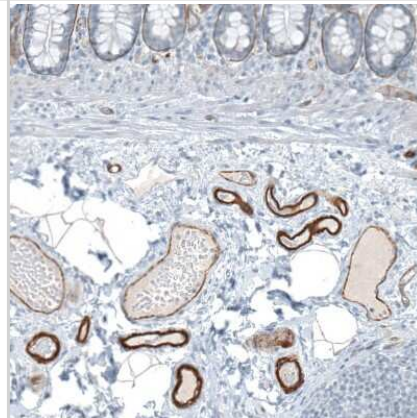
Immunohistochemistry-Paraffin: Agrin Antibody [NBP1-90209] - Staining of human lung shows moderate membranous positivity in pneumocytes.



Immunohistochemistry-Paraffin: Agrin Antibody [NBP1-90209] - Staining of human kidney shows weak membranous positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: Agrin Antibody [NBP1-90209] - Staining of human colon shows strong membranous positivity in endothelial cells.



Publications

Melissa Ong Yu Lin, Divyaleka Sampath, Dmitriy A Bosykh, Chengchun Wang, Xiaomeng Wang, Tavintharan Subramaniam, Weiping Han, Wanjin Hong, Sayan Chakraborty YAP/TAZ Drive Agrin-Matrix Metalloproteinase-12 Mediated Diabetic Skin Wound Healing. The Journal of investigative dermatology 2024-05-27 [PMID: 38810954]

Rickelt S, Neyaz A, Condon C et al. Agrin Loss in Barrett's Esophagus-Related Neoplasia and Its Utility as a Diagnostic and Predictive Biomarker Clinical Cancer Research 2022-03-15 [PMID: 34785582] (Immunohistochemistry)

Chakraborty S, Sampath D, Yu Lin MO Et al. Agrin-Matrix Metalloproteinase-12 axis confers a mechanically competent microenvironment in skin wound healing Nature communications 2021-11-03 [PMID: 34732729] (IF/IHC, Human)

Tian C, Ohlund D, Rickelt S et al. Cancer Cell-Derived Matrisome Proteins Promote Metastasis in Pancreatic Ductal Adenocarcinoma Cancer Res. 2020-02-06 [PMID: 32029550] (IF/IHC, WB, Human)

Details:
BxPC3 cell line





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Products Related to NBP1-90209

NBP1-90209PEP	Agrin 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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