

Product Datasheet

Talin1 Antibody - BSA Free

NBP1-87820

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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NBP1-87820

Talin1 Antibody - BSA Free

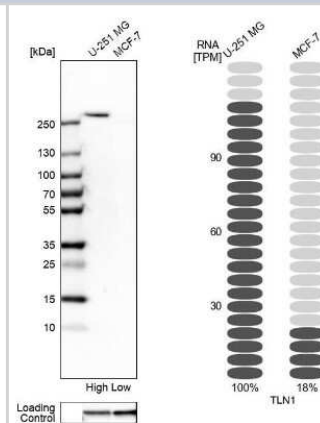
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	7094
Gene Symbol	TLN1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLYTAKEAGGNPKQAAHTQEAL EEA VQMMTEAVEDLTTTLNEAASAAGVVGG MVDSITQAINQLDEGPMGEPEGSFVDYQTTMVRTAKAIAVTVQEMVTKSNTSP

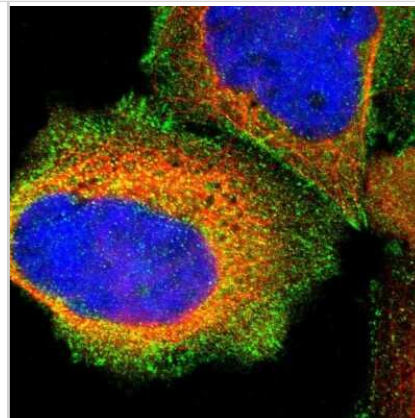
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation Reported in scientific literature (PMID: 23532850), Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

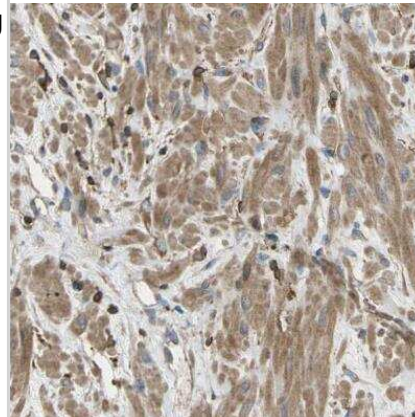
Western Blot: Talin1 Antibody [NBP1-87820] - Analysis in human cell lines U-251MG and MCF-7 using Anti-TLN1 antibody. Corresponding TLN1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



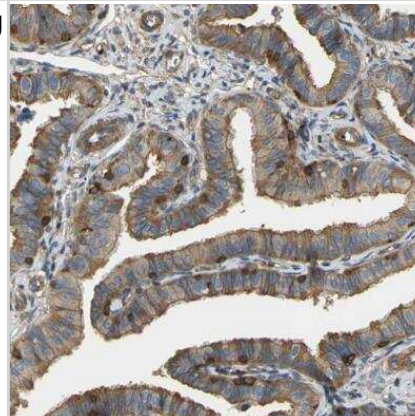
Immunocytochemistry/Immunofluorescence: Talin1 Antibody [NBP1-87820] - Staining of human cell line A-431 shows localization to plasma membrane, cytosol & focal adhesion sites. Antibody staining is shown in green.



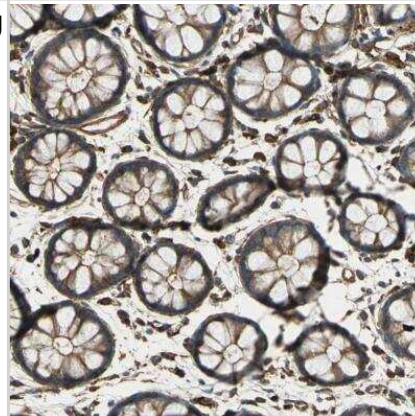
Immunohistochemistry-Paraffin: Talin1 Antibody [NBP1-87820] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



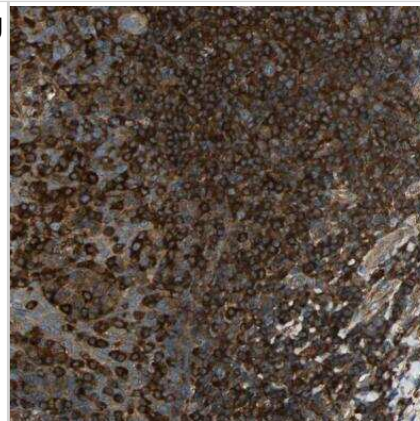
Immunohistochemistry-Paraffin: Talin1 Antibody [NBP1-87820] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Talin1 Antibody [NBP1-87820] - Staining of human gastrointestinal shows very strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Talin1 Antibody [NBP1-87820] - Staining of human tonsil shows very strong cytoplasmic positivity in non-germinal center cells.



Publications

Ding L, Wang L, Sui L et al. Claudin-7 indirectly regulates the integrin/FAK signaling pathway in human colon cancer tissue. *J. Hum. Genet.* 2016-04-28 [PMID: 27121327] (IHC-P, Human)

Thapa N, Choi S, Hedman A et al. Phosphatidylinositol Phosphate 5-Kinase Igammai2 in Association with Src Controls Anchorage-independent Growth of Tumor Cells. *J Biol Chem* 2013-11-29 [PMID: 24151076] (WB, Human)

Philippe M, Leger T, Desvaux R, Walch L. Discs Large 1 (Dlg1) Scaffolding Protein Participates with Clathrin and Adaptator Protein Complex 1 (AP-1) in Forming Weibel-Palade Bodies of Endothelial Cells. *J Biol Chem* 2013-05-03 [PMID: 23532850] (ICC/IF, IP, WB, Human)



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Products Related to NBP1-87820

NBP1-87820PEP	Talin1 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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