

For Research Use Only

Fibrillin 1 Polyclonal antibody

Catalog Number: 26935-1-AP **1 Publications**



Basic Information

Catalog Number: 26935-1-AP	GenBank Accession Number: BC146854	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2200	Recommended Dilutions: IHC 1:400-1:1600 IF 1:50-1:500
Source: Rabbit	Full Name: fibrillin 1	
Isotype: IgG		
Immunogen Catalog Number: AG25342		

Applications

Tested Applications: FC, IF, IHC, ELISA	Positive Controls: IHC : human breast cancer tissue, IF : SH-SY5Y cells,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Fibrillin-1 belongs to the fibrillin family. Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin-1-containing microfibrils provide long-term force bearing structural support. Defects in Fibrillin-1 are a cause of Marfan syndrome (MFS), isolated ectopia lentis (EL), Weill-Marchesani syndrome autosomal dominant (ADWMS), Shprintzen-Goldberg craniosynostosis syndrome (SGS) or MASS syndrome. This antibody is specific to Fibrillin-1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yimin Li	36119108	Front Immunol	IHC

Storage

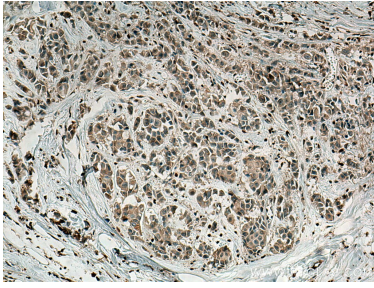
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

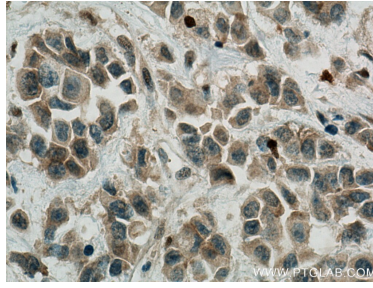
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

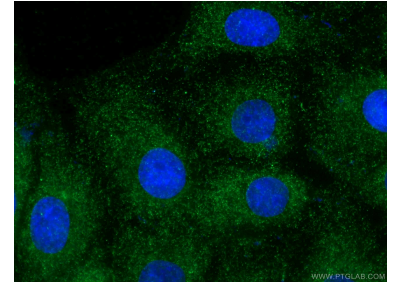
Selected Validation Data



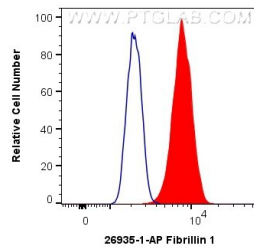
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 26935-1-AP (Fibrillin 1 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 26935-1-AP (Fibrillin 1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 26935-1-AP (Fibrillin 1 antibody), at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ A431 cells were intracellularly stained with 0.4 ug Anti-Human Fibrillin 1 (26935-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).