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Anti-Fibulin 2 Antibody

Catalog # AP51771

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P98095
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126573

Additional Information

Gene ID	2199
Other Names	Fibulin-2; FIBL-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Fibulin 2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

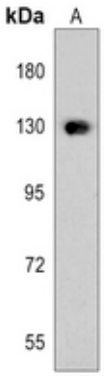
Name	FBLN2
Function	Its binding to fibronectin and some other ligands is calcium dependent. May act as an adapter that mediates the interaction between FBN1 and ELN (PubMed:17255108).
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Component of both basement membranes and other connective tissues. Expressed in heart, placenta and ovary

References

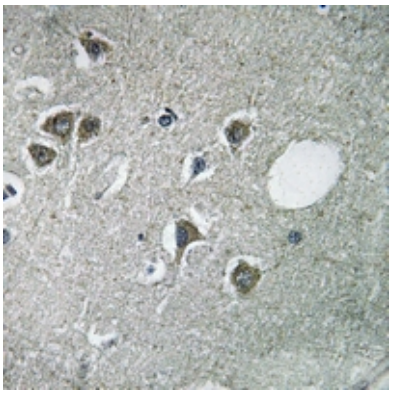
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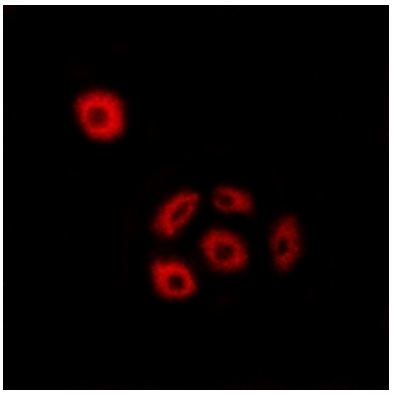
Images



Western blot analysis of Fibulin 2 expression in H9C2 (A) whole cell lysates. (Predicted band size: 126 kD; Observed band size: 127 kD)



Immunohistochemical analysis of Fibulin 2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Fibulin 2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.