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MFAP4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4940b

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	P55083
Other Accession	Q9D1H9, P55918
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28648
Antigen Region	228-255

Additional Information

Gene ID	4239
Other Names	Microfibril-associated glycoprotein 4, MFAP4
Target/Specificity	This MFAP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-255 amino acids from the C-terminal region of human MFAP4.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MFAP4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MFAP4
Function	Could be involved in calcium-dependent cell adhesion or intercellular interactions. May contribute to the elastic fiber assembly and/or maintenance (PubMed:26601954).

Cellular Location Secreted, extracellular space, extracellular matrix

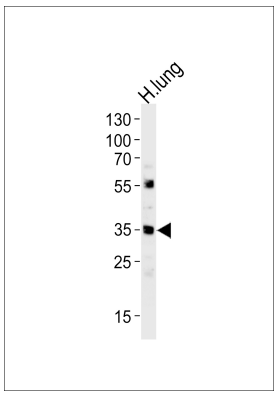
Background

MFAP4 is a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region.

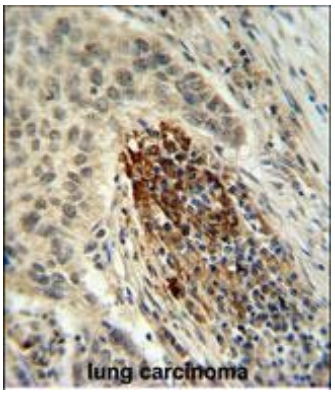
References

Edelman, E.A., et al. Clin. Genet. 71(6):540-550(2007)
Schlosser, A., et al. Scand. J. Immunol. 64(2):104-116(2006)
Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)

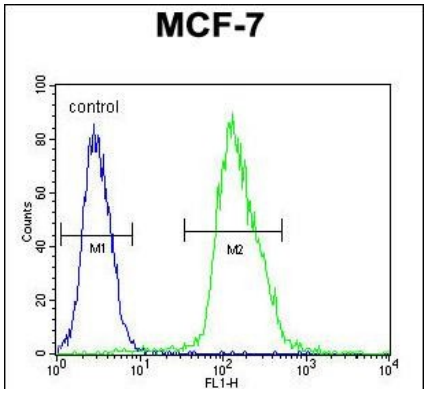
Images



Western blot analysis of lysate from human lung tissue lysate, using MFAP4 Antibody (C-term)(Cat. #AP4940b). AP4940b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



MFAP4 Antibody (C-term) (Cat. #AP4940b) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MFAP4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



MFAP4 Antibody (C-term) (Cat. #AP4940b) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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