

For Research Use Only

MFAP4 Polyclonal antibody

Catalog Number: 17661-1-AP

6 Publications



Basic Information

Catalog Number:

17661-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11920

GenBank Accession Number:

BC062415

GeneID (NCBI):

4239

UNIPROT ID:

P55083

Full Name:

microfibrillar-associated protein 4

Calculated MW:

255 aa, 29 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : human kidney tissue, mouse heart tissue, mouse lung tissue, rat lung tissue

IHC : human ovary tissue, human lung tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue

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

Microfibrillar-associated protein 4 (MFAP4) is a extracellular matrix glycoprotein containing a fibrinogen C-terminal domain and a N-terminal located integrin-binding motif. It could be involved in calcium-dependent cell adhesion or intercellular interactions. MFAP4 gene is commonly deleted in Smith-Magenis syndrome patients. (PMID: 7633408; 16867155; 10542261; 18322703)

Notable Publications

Author	Pubmed ID	Journal	Application
Veronique Pomerleau	36272709	J Proteomics	WB
Shikun Zhang	33715180	FASEB J	IHC, IF
Corry-Anke Brandsma	24990664	Thorax	WB, 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

For technical support and original validation data for this product please contact:

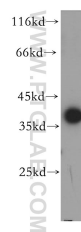
T: 4006900926

E: Proteintech-CN@ptglab.com

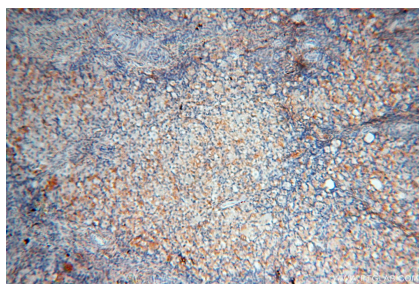
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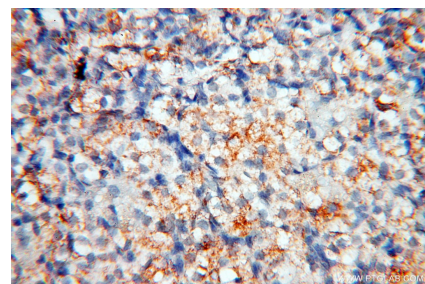
Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 17661-1-AP (MFAP4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary using 17661-1-AP (MFAP4 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary using 17661-1-AP (MFAP4 antibody) at dilution of 1:100 (under 40x lens).