

For Research Use Only

# MFAP4 Polyclonal antibody

Catalog Number: 17661-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 17661-1-AP	<b>GenBank Accession Number:</b> BC062415	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 4239	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55083	
<b>Isotype:</b> IgG	<b>Full Name:</b> microfibrillar-associated protein 4	
<b>Immunogen Catalog Number:</b> AG11920	<b>Calculated MW:</b> 255 aa, 29 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human kidney tissue, mouse heart tissue, mouse lung tissue, rat lung tissue
<b>Cited Applications:</b> WB, IF, IHC	<b>IHC :</b> human ovary tissue, human lung tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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:

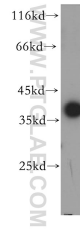
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

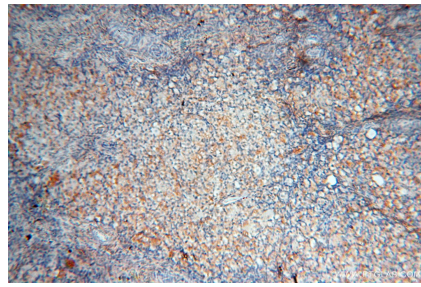
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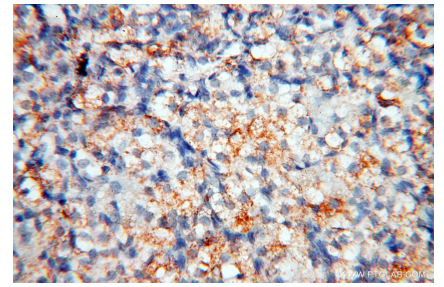
## Selected Validation Data



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).