

For Research Use Only

MFAP4 Polyclonal antibody

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



Basic Information

Catalog Number: 17661-1-AP	GenBank Accession Number: BC062415	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4239	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200
Source: Rabbit	Full Name: microfibrillar-associated protein 4	
Isotype: IgG	Calculated MW: 255 aa, 29 kDa	
Immunogen Catalog Number: AG11920	Observed MW: 36 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : human kidney tissue, mouse heart tissue, mouse lung tissue, rat lung tissue
Cited Applications: IF, IHC, WB	IHC : human ovary tissue, human lung tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

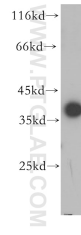
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

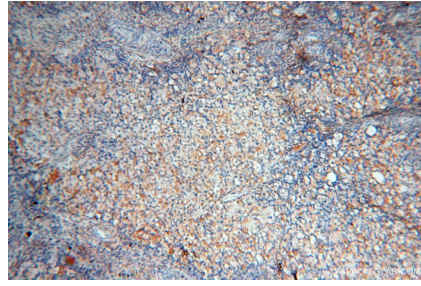
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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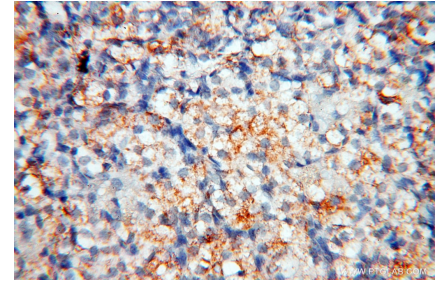
Selected Validation Data



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).