

For Research Use Only

EFEMP2 Polyclonal antibody

Catalog Number: 12004-1-AP **2 Publications**



Basic Information

Catalog Number: 12004-1-AP	GenBank Accession Number: BC010456	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 30008	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O95967	
Isotype: IgG	Full Name: EGF-containing fibulin-Like extracellular matrix protein 2	
Immunogen Catalog Number: AG2640	Calculated MW: 443 aa, 49 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls:
Cited Applications: WB	WB : HT-29 cells, K-562 cells, mouse kidney tissue, JAR cells, SW480 cells, human heart tissue
Species Specificity: human, mouse	IP : mouse kidney tissue,
Cited Species: human	IHC : human heart tissue, human prostate cancer tissue, human skin 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

EFEMP2, also known as Fibulin-4 is a 60 kDa extracellular matrix (ECM) glycoprotein that is a pivotal oncogene in tumor progression and metastasis. EFEMP2 is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome.

Notable Publications

Author	Pubmed ID	Journal	Application
Dong Zhang	36316642	Cancer Biol Ther	WB
Xin Shen	37420173	Cell Mol Biol Lett	WB

Storage

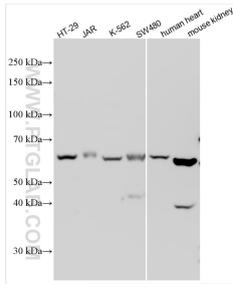
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

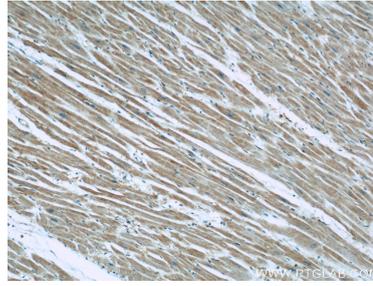
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

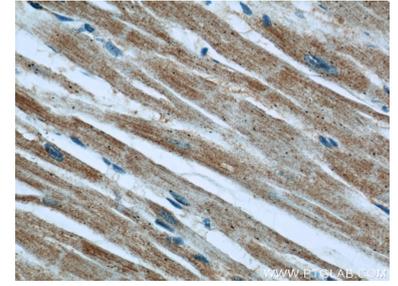
Selected Validation Data



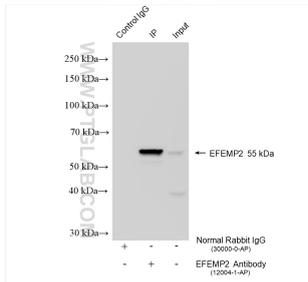
Various lysates were subjected to SDS PAGE followed by western blot with 12004-1-AP (EFEMP2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 12004-1-AP (EFEMP2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 12004-1-AP (EFEMP2 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-EFEMP2 (IP:12004-1-AP, 4 μ g; Detection:12004-1-AP 1:1000) with mouse kidney tissue lysate 2160 μ g.