

For Research Use Only

EPSTI1 Polyclonal antibody

Catalog Number: 11627-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 11627-1-AP	GenBank Accession Number: BC023660	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 94240	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: epithelial stromal interaction 1 (breast)	
Isotype: IgG	Calculated MW: 410 aa, 47 kDa	
Immunogen Catalog Number: AG2157	Observed MW: 38-47 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

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

Positive Controls:

WB : mouse small intestine tissue, mouse spleen tissue

IHC : human breast cancer tissue, human kidney tissue

Background Information

Real-time PCR revealed highest expression in placenta; strong expression in small intestine, spleen, salivary gland, and testes; and low levels of expression in normal breast and several other tissues. The expression of EPSTI1 was upregulated (range 5.6-72.1) in all 14 breast carcinomas tested. Microdissection revealed that both tumor and stromal tissue overexpressed EPSTI1. (PubMed: 11991720)

Notable Publications

Author	Pubmed ID	Journal	Application
Chaitra Rao	33970103	Elife	WB
Yan-Rou Bei	35778487	Acta Pharmacol Sin	WB,IHC,IF
Erfei Chen	30572883	Mol Cancer	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)

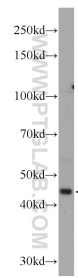
E: proteintech@ptglab.com
W: ptglab.com

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

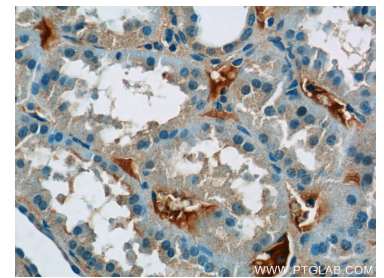
Selected Validation Data



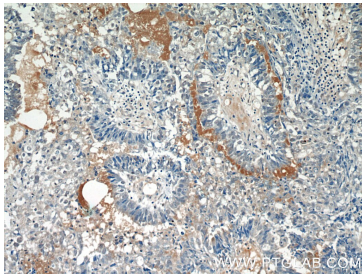
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 11627-1-AP (EPST11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



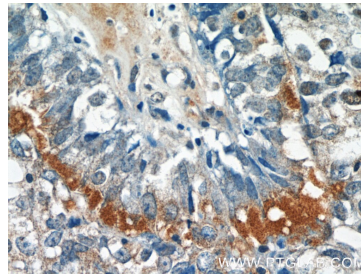
mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 11627-1-AP (EPST11 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11627-1-AP (EPST11 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11627-1-AP (EPST11 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11627-1-AP (EPST11 Antibody) at dilution of 1:50 (under 40x lens).