

For Research Use Only

Dysadherin Polyclonal antibody

Catalog Number: 12166-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 12166-1-AP	GenBank Accession Number: BC009642	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 53827	Recommended Dilutions: WB 1:500-1:2400 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q96DB9	
Isotype: IgG	Full Name: FXYP domain containing ion transport regulator 5	
Immunogen Catalog Number: AG2808	Calculated MW: 178 aa, 19 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

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, human placenta tissue

IHC: human kidney tissue, human cervical cancer tissue

Background Information

Dysadherin, also known as FXYP5 (FXYP domain containing ion transport regulator 5), is a cancer-associated cell membrane glycoprotein which belongs to the FXYP family. The FXYP family, which contains seven members, are tissue specific regulators of the Na,K-ATPase. Dysadherin is involved in down-regulation of E-cadherin, which plays important roles in tumor development and metastasis. It is present in spleen, lung, skeletal muscle, and testis. Increased expression of dysadherin has been associated with increased cell motility and metastatic potential.

Notable Publications

Author	Pubmed ID	Journal	Application
Yang Bai	31746425	Int J Oncol	
Licheng Ding	35042436	Bioengineered	WB
Takamasa Hotta	36621663	Biochimie	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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)

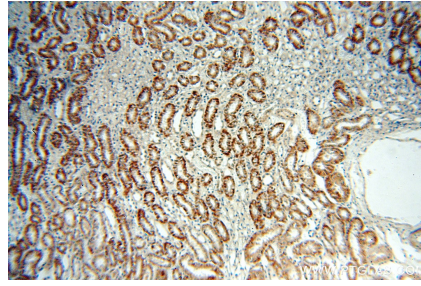
E: proteintech@ptglab.com
W: ptglab.com

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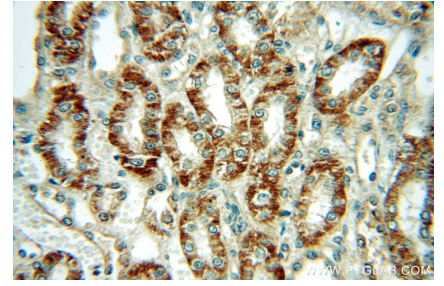
Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 12166-1-AP (Dysadherin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 12166-1-AP (Dysadherin antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 12166-1-AP (Dysadherin antibody) at dilution of 1:50 (under 40x lens).