

For Research Use Only

Dysadherin Polyclonal antibody

Catalog Number: 12166-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

12166-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2808

GenBank Accession Number:

BC009642

GeneID (NCBI):

53827

UNIPROT ID:

Q96DB9

Full Name:

FXYP domain containing ion transport regulator 5

Calculated MW:

178 aa, 19 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB: mouse small intestine tissue, human placenta tissue

IHC: human kidney tissue, human cervical cancer 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

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 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

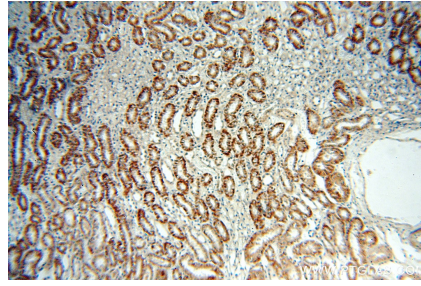
W: ptgcn.com

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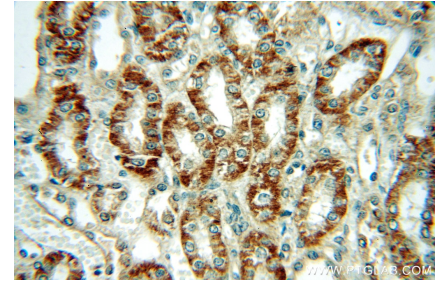
Selected Validation Data



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).