

For Research Use Only

Dysadherin Polyclonal ANTIBODY



Catalog Number: 12166-1-AP **1 Publications**

Basic Information

Catalog Number: 12166-1-AP	GenBank Accession Number: BC009642	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 133 µg/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	Full Name: FXYP domain containing ion transport regulator 5	
Isotype: IgG	Calculated MW: 178 aa, 19 kDa	
Immunogen Catalog Number: AG2808	Observed MW: 24 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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, 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	

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

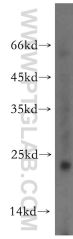
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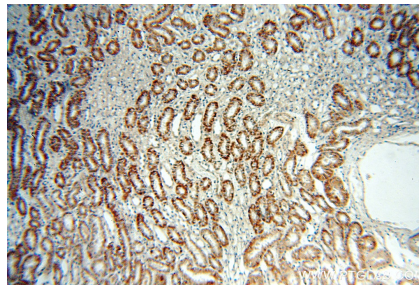
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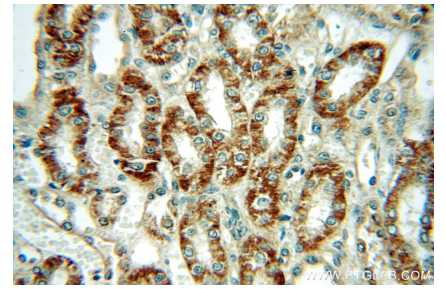
Selected Validation Data



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).