

LAD1 Polyclonal antibody

Catalog Number: 16136-1-AP

1 Publications

Basic Information

Catalog Number:

16136-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9159

GenBank Accession Number:

BC009742

GeneID (NCBI):

3898

UNIPROT ID:

O00515

Full Name:

ladinin 1

Calculated MW:

517 aa, 57 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:500-1:2000

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human

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 : MCF-7 cells,

IHC : human colon cancer tissue,

Background Information

Ladinin-1, also named as LADA, or LAD1, is an anchoring filament protein which is a component of the basement membrane zone. It is a novel component of the basement membranes and may function in contributing to the stability of the association of the epithelial layers with the underlying mesenchyme. Human ladinin is an autoantigen associated with linear IgA disease. It is a secreted protein. Immunohistochemical staining of 16136-1-AP shows strong extracellular matrix positivity in human testis. The predicted MW of this protein is 57 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------|-----------|--------------|-------------|
| Yingming Jiang | 37718450 | J Transl Med | WB, IHC, IF |

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

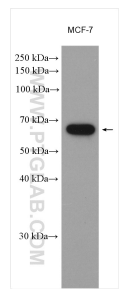
For technical support and original validation data for this product please contact:

T: 4006900926

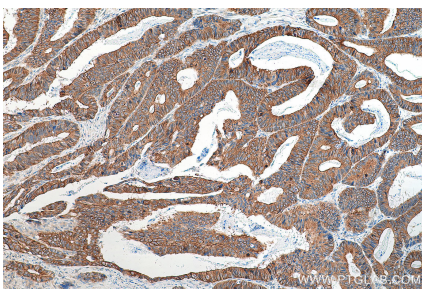
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 16136-1-AP (LAD1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16136-1-AP (LAD1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).