

For Research Use Only

# MYL5 Polyclonal antibody

Catalog Number: 14249-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

14249-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5522

GenBank Accession Number:

BC040050

GeneID (NCBI):

4636

UNIPROT ID:

Q02045

Full Name:

myosin, light chain 5, regulatory

Calculated MW:

20 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

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 : mouse skeletal muscle tissue, human brain tissue, rat skeletal muscle tissue

IHC : human cervical cancer tissue, mouse kidney tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ivan Ramirez	33641240	Cytoskeleton (Hoboken)	WB, 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:

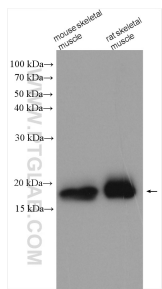
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

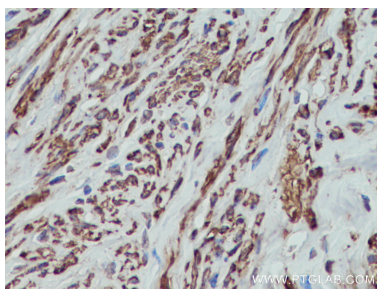
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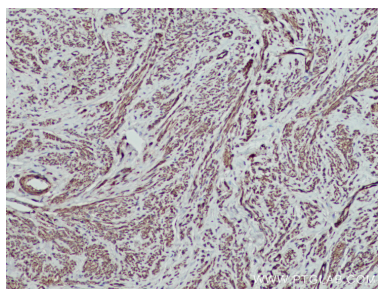
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14249-1-AP (MYL5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14249-1-AP (MYL5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14249-1-AP (MYL5 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).