

For Research Use Only

# MEK5 Polyclonal antibody

Catalog Number: 15758-1-AP

2 Publications



## Basic Information

### Catalog Number:

15758-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8351

### GenBank Accession Number:

BC008838

### GeneID (NCBI):

5607

### UNIPROT ID:

Q13163

### Full Name:

mitogen-activated protein kinase kinase 5

### Calculated MW:

448 aa, 50 kDa

### Observed MW:

55 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human, 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 : HEK-293T cells, A431 cells, HeLa cells

IHC : human heart tissue, human testis tissue

IF/ICC : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yongwei Nie	35244521	Pharm Biol	WB
Atsushi Enomoto	35042442	Int J Hyperthermia	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

\*\*\* 20ul sizes contain 0.1% BSA

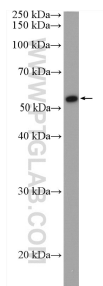
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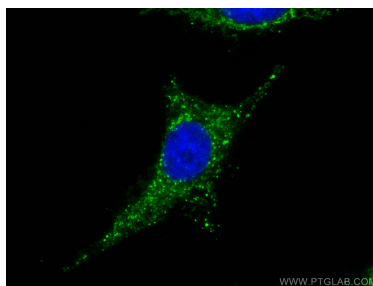
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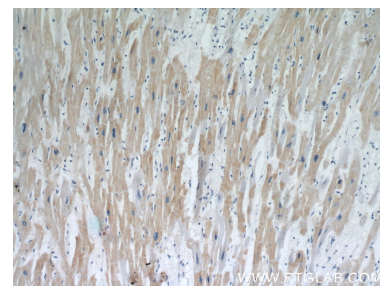
## Selected Validation Data



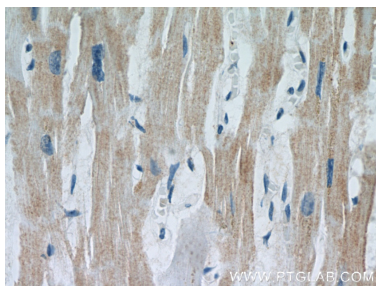
HEK-293T cells were subjected to SDS PAGE followed by western blot with 15758-1-AP (MEK5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MEK5 antibody (15758-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human heart using 15758-1-AP (MEK5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 15758-1-AP (MEK5 antibody) at dilution of 1:50 (under 40x lens).