

For Research Use Only

# MEK5 Polyclonal antibody

Catalog Number: 15758-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 15758-1-AP	<b>GenBank Accession Number:</b> BC008838	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5607	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> mitogen-activated protein kinase kinase 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 448 aa, 50 kDa	
<b>Immunogen Catalog Number:</b> AG8351	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, A431 cells, HeLa cells IHC : human heart tissue, human testis tissue IF : HeLa cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### 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

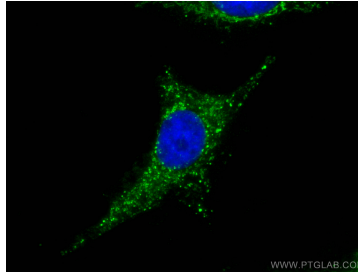
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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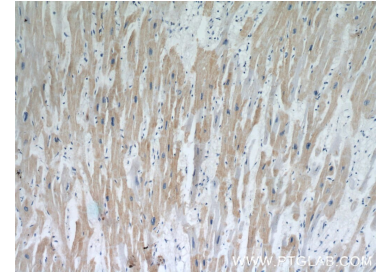
## Selected Validation Data



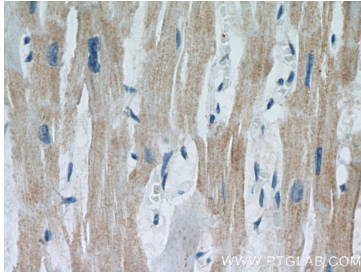
HEK-293T cells were subjected to SDS PAGE followed by western blot with 15758-1-AP (MEK5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).