

For Research Use Only

ERK5 Polyclonal antibody

Catalog Number: 11164-1-AP

1 Publications



Basic Information

Catalog Number:

11164-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1648

GenBank Accession Number:

BC009963

GeneID (NCBI):

5598

UNIPROT ID:

Q13164

Full Name:

mitogen-activated protein kinase 7

Calculated MW:

89 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

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 : SKOV-3 cells, HEK-293 cells, mouse heart tissue, mouse testis tissue

IHC : human stomach tissue,

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|---------|-------------|
| Xiulei Mo | 35512704 | Cell | 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

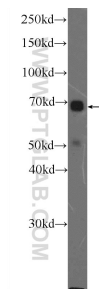
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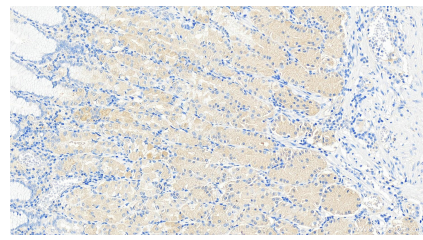
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 11164-1-AP (ERK5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11164-1-AP (ERK5 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).