

MAPK1/MAPK3 Antibody

CAB17291

Description

This MAPK1/MAPK3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB17291
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: MAPK1/MAPK3
Clone: -
Applications: WB IHC-P ELISA
Conjugation: -
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5594 5595
Uniprot: AB_2770276
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 44kDa
Calculated MW: 36kDa/41kDa/38kDa/40kDa/43kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

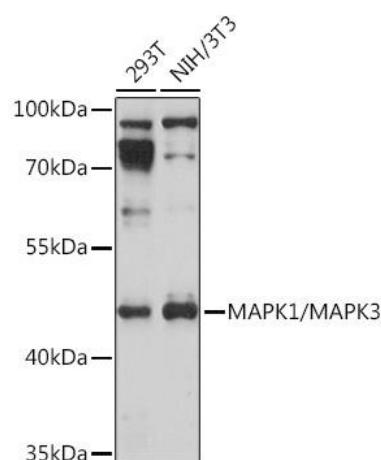
Positive Sample: 293T, NIH/3T3

Recommended Dilutions:

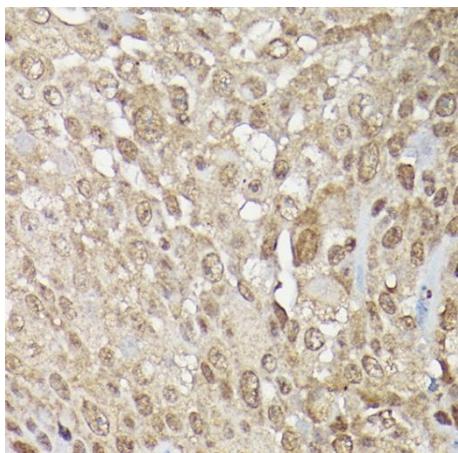
| | |
|--------------|---|
| WB | 1:500 - 1:2000 |
| IHC-P | 1:50 - 1:200 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

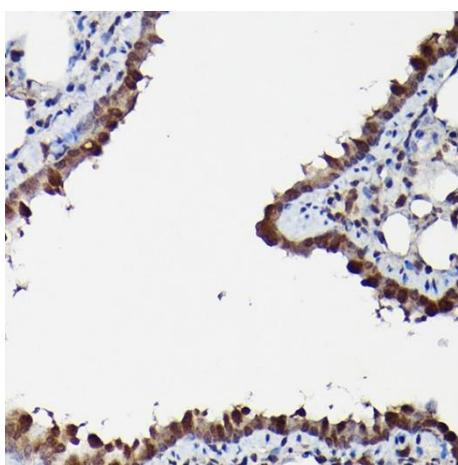
Validation Data



Western blot analysis of various lysates using MAPK1/MAPK3 Rabbit pAb (CAB17291) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human urothelial carcinoma using MAPK1/MAPK3 Rabbit pAb (CAB17291) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung using MAPK1/MAPK3 Rabbit pAb (CAB17291) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.