Phospho-ERK1/ERK2 (Thr202, Tyr204) Polyclonal Antibody

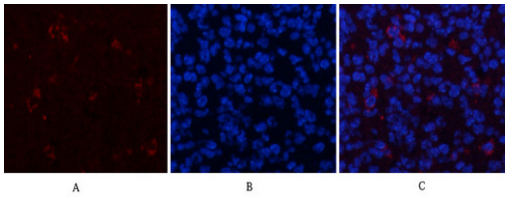
Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat, Human
Published Species	Pig, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of Threonine 202/Tyrosine 204(F-L-T(p)-E-Y(p)-V-A) derived from Human p44/42 MAP Kinase.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2554436

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunocytochemistry (ICC/IF)	1:200	-

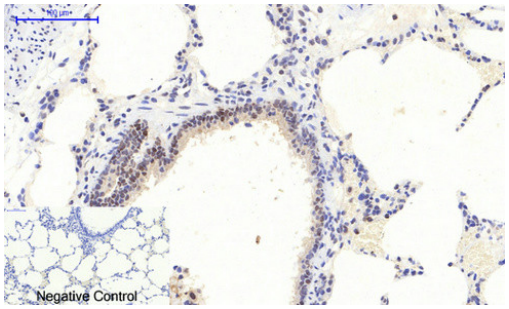
Product Specific Information

A suggested positive control for Western blot is NIH-3T3 cells.

Product Images For Phospho-ERK1/ERK2 (Thr202, Tyr204) Polyclonal Antibody



Phospho-ERK1/ERK2 (Thr202, Tyr204) Antibody (PA5-37828) in ICC/IF
Immunocytochemical analysis of Phospho-ERK1/ERK2 (Thr202, Tyr204) in mouse-spleen tissue. The tissue was stained using Phospho-ERK1/ERK2 (Thr202, Tyr204) Polyclonal Antibody (Product # PA5-37828)(red) at a 1:200 dilution (4°C,overnight). A Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50 min).Picture B: DAPI (blue) 10 min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B.



Phospho-ERK1/ERK2 (Thr202, Tyr204) Antibody (PA5-37828) in IHC (P)
Immunohistochemical analysis of Phospho-ERK1/ERK2 (Thr202, Tyr204) in paraffin-embedded Rat-lung tissue. 1) Phospho-ERK1/ERK2 (Thr202, Tyr204) Polyclonal Antibody (Product # PA5-37828) was diluted at 1:200 (4°C,overnight). 2) Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20 min). 3) Secondary antibody was diluted at 1:200(room tempeRature, 30 min). Negative control was used by secondary antibody only.

View more figures on thermofisher.cn

3 References

Western Blot (3)

Artificial cells, nanomedicine, and biotechnology

Puerarin attenuates hypoxia-resulted damages in neural stem cells by up-regulating microRNA-214.

"PA5-37828 was used in Western Blotting to show that puerarin might be applied as a novel agent to ameliorate hypoxia-evoked damages in NSCs."

Authors: Wang B,Ma W,Yang H

Year
2019

Species
Rat

Dilution
1:1000

International journal of molecular sciences

Phylogenetically Defined Isoforms of *Listeria monocytogenes* Invasion Factor InlB Differently Activate Intracellular Signaling Pathways and Interact with the Receptor gC1q-R.

"Published figure using Phospho-ERK1/ERK2 (Thr202, Tyr204) polyclonal antibody (Product # PA5-37828) in Western Blot"

Authors: Chalenko Y,Kalinin E,Marchenkov V,Sysolyatina E,Surin A,Sobyanin K,Ermolaeva S

Year
2019

View more WB references on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.