

ERK1/ERK2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Rat
Published Species	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the C-terminal region of rat MAPK1/2 conjugated to KLH
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2141430

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:1000	1 Publication

Product Specific Information

This antibody is predicted to react with mouse based on 100% sequence homology.

In Western blot, PA1-4703 detects the~43 kDa ERK/MAPK protein.

Product Images For ERK1/ERK2 Polyclonal Antibody

ERK1/ERK2 Antibody (PA1-4703) in WB

Western blot of rat hippocampal homogenate showing detection of the ~42-44 kDa ERK/MAPK protein.



1 Reference

Western Blot (1)

Molecular neurobiology

PDGF-BB Preserves Mitochondrial Morphology, Attenuates ROS Production, and Upregulates Neuroglobin in an Astrocytic Model Under Rotenone Insult.

"PA14703 was used in western blot to discuss mechanisms associated with platelet-derived growth factor, subtype BB protection against oxidative damage"

Authors: Cabezas R, Vega-Vela NE, González-Sanmiguel J, González J, Esquinas P, Echeverria V, Barreto GE

Species
Human

Dilution
1:1000

Year
2018

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