

Product Information

Anti-MAPK1
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22768**
Formerly listed as GenWay Catalog Number 15-288-22768,
Mitogen-activated protein kinase 1 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Mitogen-activated protein kinase 1, EC 2.7.11.24;
Extracellular signal-regulated kinase 2; ERK-2; Mitogen-
activated protein kinase 2; MAP kinase 2; MAPK 2; p42-
MAPK; ERT1

Product Description

Phosphorylates microtubule-associated protein 2 (MAP2),
Myelin basic protein (MBP), and Elk-1; may promote entry in
the cell cycle.

NCBI Accession number: NP_620407.1

Swiss Prot Accession number: P28482

Gene Information: Human .. MAPK1 (5594)

Immunogen: Recombinant protein Mitogen-activated pro-
tein kinase 1

Immunogen Sequence: GI # 20986531, sequence 232 - 360

The product is a clear, colorless solution in phosphate
buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution
for Western blot analysis is 1:500, for tissue or cell staining
1:200.

Note: Optimal concentrations and conditions for each
application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or
other uses. Due to the sodium azide content a material
safety data sheet (MSDS) for this product has been sent to
the attention of the safety officer of your institution. Please
consult the Material Safety Data Sheet for information
regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For
extended storage, store in -20 °C freezer in working
aliquots. Repeated freezing and thawing, or storage in
"frostfree" freezers, is not recommended. If slight turbidity
occurs upon prolonged storage, clarify the solution by
centrifugation before use. Working dilution samples should
be discarded if not used within 12 hours.

LPG,MAM12/09-1

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications.
Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please
see reverse side of the invoice or packing slip.