

# MAPK3 (phospho T202) polyclonal antibody (Biotin)

Catalog # PAB27980

Size 20 ug

## Specification

Product Description	Chicken polyclonal antibody against synthetic phosphopeptide of MAPK3.
Immunogen	Synthetic phosphopeptide corresponding to amino acids of MAPK3
Sequence	IADPEHDHTGFL(pT)EYVATR
Host	Chicken
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Antigen affinity purification
Concentration	0.2 mg/mL
Isotype	IgY
Storage Buffer	In Phosphate-Buffered Saline with 0.02% Sodium Azide.
Storage Instruction	Store at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immuno-MRM (multiple reaction monitoring)

## Gene Info — MAPK3

Entrez GeneID	<a href="#">5595</a>
Gene Name	MAPK3
Gene Alias	ERK1, HS44KDAP, HUMKER1A, MGC20180, P44ERK1, P44MAPK, PRKM3
Gene Description	mitogen-activated protein kinase 3
Omim ID	<a href="#">601795</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000174538 OTTHUMP00000174540 extracellular signal-regulated kinase 1 extracellular signal-related kinase 1

## Pathway

- [Acute myeloid leukemia](#)
- [Adherens junction](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Bladder cancer](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Dorso-ventral axis formation](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)

- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term depression](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prion diseases](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [T cell receptor signaling pathway](#)
- [TGF-beta signaling pathway](#)
- [Thyroid cancer](#)
- [Toll-like receptor signaling pathway](#)

- [Type II diabetes mellitus](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

## Disease

- [Asthma](#)
- [Autistic Disorder](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)