



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

<b>Product Number</b>	ARP58900_P050-Biotin
<b>Product Page</b>	<a href="http://www.avivasysbio.com/mapk1-antibody-middle-region-biotin-arp58900-p050-biotin.html">www.avivasysbio.com/mapk1-antibody-middle-region-biotin-arp58900-p050-biotin.html</a>
<b>Name</b>	MAPK1 Antibody - middle region : Biotin (ARP58900_P050-Biotin)
<b>Protein Size (# AA)</b>	360 amino acids
<b>Molecular Weight</b>	41kDa
<b>Conjugation</b>	Biotin
<b>NCBI Gene Id</b>	5594
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Mitogen-activated protein kinase 1
<b>Alias Symbols</b>	ERK, p38, p40, p41, ERK2, ERT1, NS13, ERK-2, MAPK2, PRKM1, PRKM2, P42MAPK, p41mapk, p42-MAPK
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">RDLKPSNLLLNTTCDLKICDFGLARVADPDHDHTGFLTEYVATR WYRAPE</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	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 as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
<b>Protein Interactions</b>	Eif4ebp1; ATF2; RPS6KA3; RAF1; PTGDR; MAP2K6; MAP2K1; MAPK3; HDAC6; TP53; NEDD8; DGCR8; HMGB1; NAV1; PDCD6IP; CEP350; MAPK12; RPS6KA2; MAPK1; PDE4D; MBP; KRAS; SQSTM1; CUEDC2; GAB2; BRAF; RPS6KA1; MAP2K4; MAP2K2; ELK1; NOXA1; TIAL1; GADD45A; MAP3K10; SMAD
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-MAPK1 (ARP58900_P050-Biotin) antibody</a>
<b>Blocking Peptide</b>	For anti-MAPK1 (ARP58900_P050-Biotin) antibody is <a href="#">Catalog# AAP58900</a> (Previous Catalog# AAPP44847)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human MAPK1
<b>Uniprot ID</b>	<a href="#">P28482</a>
<b>Protein Name</b>	Mitogen-activated protein kinase 1
<b>Protein Accession #</b>	<a href="#">NP_620407</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_138957</a>
<b>Gene Symbol</b>	<a href="#">MAPK1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)