



# SZABO SCANDIC

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## 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

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# MAPK1 Antibody - middle region : HRP (ARP58900\_P050-HRP)

Data Sheet

Product Number	ARP58900_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/mapk1-antibody-middle-region-hrp-arp58900-p050-hrp.html">www.avivasysbio.com/mapk1-antibody-middle-region-hrp-arp58900-p050-hrp.html</a>
Name	MAPK1 Antibody - middle region : HRP (ARP58900_P050-HRP)
Protein Size (# AA)	360 amino acids
Molecular Weight	41kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5594
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitogen-activated protein kinase 1
Alias Symbols	ERK, p38, p40, p41, ERK2, ERT1, NS13, ERK-2, MAPK2, PRKM1, PRKM2, P42MAPK, p41mapk, p42-MAPK
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">RDLKPSNLLLNTTCDLKICDFGLARVADPDHDHTGFLTEYVATR WYRAPE</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	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
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-MAPK1 (ARP58900_P050-HRP) antibody</a>
Blocking Peptide	For anti-MAPK1 (ARP58900_P050-HRP) antibody is <a href="#">Catalog# AAP58900</a> (Previous Catalog# AAPP44847)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MAPK1
Uniprot ID	<a href="#">P28482</a>
Protein Name	Mitogen-activated protein kinase 1
Protein Accession #	<a href="#">NP_620407</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_138957</a>
Gene Symbol	<a href="#">MAPK1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	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.

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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.

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