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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 - C-terminal region : HRP (ARP58899_P050-HRP)

Data Sheet

Product Number	ARP58899_P050-HRP
Product Page	www.avivasysbio.com/mapk1-antibody-c-terminal-region-hrp-arp58899-p050-hrp.html
Name	MAPK1 Antibody - C-terminal region : HRP (ARP58899_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: PYLEQYYDPSDEPIAEAPFKFDMELDDLPKEKLKELIFEETARFQPGYRS
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 anti-MAPK1 (ARP58899_P050-HRP) antibody
Blocking Peptide	For anti-MAPK1 (ARP58899_P050-HRP) antibody is Catalog # AAP58899 (Previous Catalog # AAPP44846)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MAPK1
Uniprot ID	P28482
Protein Name	Mitogen-activated protein kinase 1
Sample Type Confirmation	MAPK1 is strongly supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_620407
Purification	Affinity Purified
Nucleotide Accession #	NM_138957
Gene Symbol	MAPK1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	

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.

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