



# 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

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Product Number	ARP57731_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/mapk7-antibody-middle-region-fitc-arp57731-p050-fitc.html">www.avivasysbio.com/mapk7-antibody-middle-region-fitc-arp57731-p050-fitc.html</a>
Name	MAPK7 Antibody - middle region : FITC (ARP57731_P050-FITC)
Protein Size (# AA)	816 amino acids
Molecular Weight	88kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5598
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitogen-activated protein kinase 7
Alias Symbols	BMK1, ERK4, ERK5, PRKM7
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">FDMGVADGPDQGDASLSASLLADWLEGHGMNPADIESLQREIQMDSP</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases 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. This kinase is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors. In response to extracellular signals, this kinase translocates to cell nucleus, where it regulates gene expression by phosphorylating, and activating different transcription factors. Four alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported.
Protein Interactions	PRKCZ; NFE2L2; UBE2C; MAP3K2; TP53; MAP2K5; PML; DSG1; DSC1; PFDN6; VBP1; MAPK7; PFDN5; PFDN4; PFDN2; PFDN1; JUP; GAPDH; BAG3; PKM; LDHC; HSP90AB1; HSPA5; HSPA4; ATP5A1; ACTB; PPP3CA; TUBB; MYLK2; GANAB; CDC37; YWHAZ; YWHAH; YWHAG; YWHAE; UBC; HSP90B1; FS
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-MAPK7 (ARP57731_P050-FITC) antibody</a>
Blocking Peptide	For anti-MAPK7 (ARP57731_P050-FITC) antibody is <a href="#">Catalog# AAP57731</a> (Previous Catalog # AAPP44083)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MAPK7
Uniprot ID	<a href="#">Q13164</a>
Protein Name	Mitogen-activated protein kinase 7
Protein Accession #	<a href="#">NP_620603</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_139034</a>
Gene Symbol	<a href="#">MAPK7</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	IHC, WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two arms of the Y extend upwards and outwards, representing the antigen-binding sites.

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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