



# 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

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Product Number	ARP54921_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/tbk1-antibody-n-terminal-region-hrp-arp54921-p050-hrp.html">www.avivasysbio.com/tbk1-antibody-n-terminal-region-hrp-arp54921-p050-hrp.html</a>
Name	TBK1 Antibody - N-terminal region : HRP (ARP54921_P050-HRP)
Protein Size (# AA)	729 amino acids
Molecular Weight	84kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	29110
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	TANK-binding kinase 1
Alias Symbols	NAK, T2K, IIAE8, FTDALS4
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">EEETTTRHKVLIMEFCPCGSLYTVLLEPSNAYGLPESEFLIVLRDVGGM</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Morton,S., (2008) FEBS Lett. 582 (6), 997-1002
Description of Target	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. TBK1 is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. For example, the protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inhibition caused by TANK. The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. For example, the protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inhibition caused by TANK. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; Trim11; AZI2; TBK1; TANK; TBKBP1; EGFR; TMEM173; TRAF3; EXOC2; MIB1; LATS2; ANKRD28; DDX58; SYK; TRAF3IP2; TOMM70A; STX11; PROS1; IRF3; HSP90AA1; XIAP; RNF11; YWHAE; APP; NFKBIA; IKBKG; TRAF2; MAVS; OPTN; SRC; RELA; TICAM1; MBP; IRF7; IKBKE; HERC2; T
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-TBK1 (ARP54921_P050-HRP) antibody</a>
Blocking Peptide	For anti-TBK1 (ARP54921_P050-HRP) antibody is <a href="#">Catalog# AAP54921</a> (Previous Catalog# AAPP31876)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TBK1
Uniprot ID	<a href="#">Q9UHD2</a>
Protein Name	Serine/threonine-protein kinase TBK1
Protein Accession #	<a href="#">NP_037386</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_013254</a>

<b>Gene Symbol</b>	<a href="#">TBK1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	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%; Zebrafish: 86%
<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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Optimal conditions of its use should be determined by end users.

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