



# 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) 

Product Number	ARP55278_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/tkfc-antibody-n-terminal-region-hrp-arp55278-p050-hrp.html">www.avivasysbio.com/tkfc-antibody-n-terminal-region-hrp-arp55278-p050-hrp.html</a>
Name	TKFC Antibody - N-terminal region : HRP (ARP55278_P050-HRP)
Protein Size (# AA)	575 amino acids
Molecular Weight	59kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	26007
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	triokinase and FMN cyclase
Alias Symbols	DAK, NET45, TKFCD
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MTSKKLVNSVAGCADDALAGLVACNPNLQLQGHVRVALRSDLDSLKGRVA</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Diao,F., (2007) Proc. Natl. Acad. Sci. U.S.A. 104 (28), 11706-11711
Description of Target	This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been found for this gene.
Protein Interactions	SDCBP; UBC; YWHAB; SMS; PDIA3; GBP1; NHLRC2; FTO; NANS; METAP2; FERMT2; NPEPPS; SLC9A3R1; FLAD1; C12orf10; GBE1; ENO3; AGL; ACAT2;
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-TKFC (ARP55278_P050-HRP) antibody</a>
Blocking Peptide	For anti-TKFC (ARP55278_P050-HRP) antibody is <a href="#">Catalog# AAP55278</a> (Previous Catalog# AAPP33109)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DAK
Uniprot ID	<a href="#">Q3LXA3</a>
Protein Name	triokinase/FMN cyclase
Protein Accession #	<a href="#">NP_056348</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_015533</a>
Gene Symbol	<a href="#">TKFC</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%

**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.

---

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)