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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP55955_P050-HRP
Product Page	www.avivasysbio.com/gk-antibody-middle-region-hrp-arp55955-p050-hrp.html
Name	GK Antibody - middle region : HRP (ARP55955_P050-HRP)
Protein Size (# AA)	530 amino acids
Molecular Weight	58kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2710
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glycerol kinase
Alias Symbols	GK1, GKD
Peptide Sequence	Synthetic peptide located within the following region: MAAGAAEGVGVWSLEPEDLSAVTMERFEPQINAESEIRYSTWKKAVMKS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The product of this gene belongs to the FGGY kinase family of proteins and encodes glycerol kinase. Glycerol kinase is a key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. Defects in this gene are the cause of glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different isoforms have been identified.
Protein Interactions	CLPTM1L; OPLAH; FBXO28; IPO13; RXRA; NR4A1; GPD1; EIF4G1; CYP3A4; APCS; AOX1; UBC;
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-GK (ARP55955_P050-HRP) antibody
Blocking Peptide	For anti-GK (ARP55955_P050-HRP) antibody is Catalog# AAP55955 (Previous Catalog# AAPP37243)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GK
Uniprot ID	A6NJP5
Protein Name	Glycerol kinase Ensembl ENSP00000368229
Protein Accession #	NP_976325
Purification	Affinity Purified
Nucleotide Accession #	NM_203391
Gene Symbol	GK
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	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: 85%

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com