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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55386_P050-HRP
Product Page	www.avivasysbio.com/tpk1-antibody-n-terminal-region-hrp-arp55386-p050-hrp.html
Name	TPK1 Antibody - N-terminal region : HRP (ARP55386_P050-HRP)
Protein Size (# AA)	243 amino acids
Molecular Weight	27kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	27010
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Thiamin pyrophosphokinase 1
Alias Symbols	PP20, HTPK1, THMD5
Peptide Sequence	Synthetic peptide located within the following region: WNKALLRACADGGANRLYDITEGERESFLPEFINGDFDLSIRPEVREYYAT
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Fradin,D. Ann. Hum. Genet. 71 (PT 5), 578-585 (2007)
Description of Target	TPK1 is a protein that exists as a homodimer, which catalyzes the conversion of thiamine to thiamine pyrophosphate. This gene encodes a protein, that exists as a homodimer, which catalyzes the conversion of thiamine to thiamine pyrophosphate. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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-TPK1 (ARP55386_P050-HRP) antibody
Blocking Peptide	For anti-TPK1 (ARP55386_P050-HRP) antibody is Catalog # AAP55386 (Previous Catalog # AAPP33258)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TPK1
Uniprot ID	Q9H3S4
Protein Name	Thiamin pyrophosphokinase 1
Protein Accession #	NP_071890
Purification	Affinity Purified
Nucleotide Accession #	NM_022445
Gene Symbol	TPK1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 100%; Rabbit: 93%; Rat: 93%

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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