



# SZABO SCANDIC

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## 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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<b>Product Number</b>	ARP58593_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/bckdhb-antibody-n-terminal-region-hrp-arp58593-p050-hrp.html">www.avivasysbio.com/bckdhb-antibody-n-terminal-region-hrp-arp58593-p050-hrp.html</a>
<b>Name</b>	BCKDHB Antibody - N-terminal region : HRP (ARP58593_P050-HRP)
<b>Protein Size (# AA)</b>	218 amino acids
<b>Molecular Weight</b>	23kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	594
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	branched chain keto acid dehydrogenase E1, beta polypeptide
<b>Alias Symbols</b>	E1B, BCKDE1B, BCKDH E1-beta
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">GFLHPAATVEDAAQRQVAHFTEQPDPEPREYGTQKMNLFQSVTSALDN</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	Branched-chain keto acid dehydrogenase is a multienzyme complex associated with the inner membrane of mitochondria, and functions in the catabolism of branched-chain amino acids. The complex consists of multiple copies of 3 components: branched-chain alpha-keto acid decarboxylase (E1), lipoamide acyltransferase (E2) and lipoamide dehydrogenase (E3). This gene encodes the E1 beta subunit, and mutations therein have been associated with maple syrup urine disease (MSUD), type 1B, a disease characterized by a maple syrup odor to the urine in addition to mental and physical retardation, and feeding problems. Alternative splicing at this locus results in transcript variants with different 3' non-coding regions, but encoding the same isoform.
<b>Protein Interactions</b>	CUL3; BCKDHA;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-BCKDHB (ARP58593_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-BCKDHB (ARP58593_P050-HRP) antibody is <a href="#">Catalog # AAP58593</a>
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N-terminal region of Human BCKDHB
<b>Uniprot ID</b>	<a href="#">Q5T2J3</a>
<b>Protein Name</b>	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial Ensembl ENSP00000443564 Ensembl ENSP00000358775
<b>Purification</b>	Affinity Purified
<b>Gene Symbol</b>	<a href="#">BCKDHB</a>
<b>Predicted Species Reactivity</b>	Human, Rat, Cow, Dog, Horse, Pig, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 93%; Horse: 93%; Human: 100%; Pig: 86%; Rabbit: 93%; Rat: 79%

**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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