



# 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

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Product Number	ARP54865_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/ltb4dh-antibody-n-terminal-region-hrp-arp54865-p050-hrp.html">www.avivasysbio.com/ltb4dh-antibody-n-terminal-region-hrp-arp54865-p050-hrp.html</a>
Name	LTB4DH Antibody - N-terminal region : HRP (ARP54865_P050-HRP)
Protein Size (# AA)	329 amino acids
Molecular Weight	36kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	22949
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Prostaglandin reductase 1
Alias Symbols	PGR1, DIG-1, ZADH3, LTB4DH
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">VRTKTWTLKKHFGVYPTNSDFELKTSELPLKNGEVLLEALFLTVDPYMR</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Chou, W.L., (2007) J. Biol. Chem. 282 (25), 18162-18172
Description of Target	LTB4DH functions as 15-oxo-prostaglandin 13-reductase and acts on 15-oxo-PGE1, 15-oxo-PGE2 and 15-oxo-PGE2-alpha. It has no activity towards PGE1, PGE2 and PGE2-alpha. LTB4DH catalyzes the conversion of leukotriene B4 into its biologically less active metabolite, 12-oxo-leukotriene B4. This is an initial and key step of metabolic inactivation of leukotriene B4.
Protein Interactions	PRDX5; PEBP1; ATP6V1A; 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 <a href="#">anti-PTGR1 (ARP54865_P050-HRP) antibody</a>
Blocking Peptide	For anti-PTGR1 (ARP54865_P050-HRP) antibody is <a href="#">Catalog # AAP54865</a> (Previous Catalog # AAPP31669)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LTB4DH
Uniprot ID	<a href="#">A8K0N2</a>
Protein Name	Prostaglandin reductase 1
Protein Accession #	<a href="#">NP_036344</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_012212</a>
Gene Symbol	<a href="#">PTGR1</a>
Predicted Species Reactivity	Human, Rat, Cow, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Guinea Pig: 83%; Horse: 83%; Human: 93%; Rabbit: 83%; 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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