



# 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

### 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)

|   |  |
|---|--|
| <b>Product Number</b>                                 | ARP54865_P050-Biotin   |
| <b>Product Page</b>                                   | <a href="http://www.avivasysbio.com/ltb4dh-antibody-n-terminal-region-biotin-arp54865-p050-biotin.html">www.avivasysbio.com/ltb4dh-antibody-n-terminal-region-biotin-arp54865-p050-biotin.html</a>   |
| <b>Name</b>   | LTB4DH Antibody - N-terminal region : Biotin (ARP54865_P050-Biotin)  |
| <b>Protein Size (# AA)</b>                            | 329 amino acids  |
| <b>Molecular Weight</b>                               | 36kDa  |
| <b>Conjugation</b>                                    | Biotin   |
| <b>NCBI Gene Id</b>                                   | 22949  |
| <b>Host</b>   | Rabbit   |
| <b>Clonality</b>                                      | Polyclonal   |
| <b>Concentration</b>                                  | 0.5 mg/ml  |
| <b>Gene Full Name</b>                                 | Prostaglandin reductase 1  |
| <b>Alias Symbols</b>                                  | PGR1, DIG-1, ZADH3, LTB4DH   |
| <b>Peptide Sequence</b>                               | Synthetic peptide located within the following region:<br><a href="#">VRTKTWTLKKHFGVGYPTNSDFELKTSELPLKNGEVLLEALFLTVDPYMR</a>   |
| <b>Product Format</b>                                 | Liquid. Purified antibody supplied in 1x PBS buffer.   |
| <b>Reference</b>                                      | Chou, W.L., (2007) J. Biol. Chem. 282 (25), 18162-18172  |
| <b>Description of Target</b>                          | 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.  |
| <b>Protein Interactions</b>                           | PRDX5; PEBP1; ATP6V1A; UBC;  |
| <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-PTGR1 (ARP54865_P050-Biotin) antibody</a>   |
| <b>Blocking Peptide</b>                               | For anti-PTGR1 (ARP54865_P050-Biotin) antibody is <a href="#">Catalog # AAP54865</a> (Previous Catalog # AAPP31669)  |
| <b>Immunogen</b>                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human LTB4DH  |
| <b>Uniprot ID</b>                                     | <a href="#">A8K0N2</a>   |
| <b>Protein Name</b>                                   | Prostaglandin reductase 1  |
| <b>Protein Accession #</b>                            | <a href="#">NP_036344</a>  |
| <b>Purification</b>                                   | Affinity Purified  |
| <b>Nucleotide Accession #</b>                         | <a href="#">NM_012212</a>  |
| <b>Gene Symbol</b>                                    | <a href="#">PTGR1</a>  |
| <b>Predicted Species Reactivity</b>                   | Human, Rat, Cow, Guinea Pig, Horse, Rabbit   |
| <b>Application</b>                                    | WB   |
| <b>Predicted Homology Based on Immunogen Sequence</b> | 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.

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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](mailto:info@avivasysbio.com)