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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54865_P050-FITC
Product Page	www.avivasysbio.com/ltb4dh-antibody-n-terminal-region-fitc-arp54865-p050-fitc.html
Name	LTB4DH Antibody - N-terminal region : FITC (ARP54865_P050-FITC)
Protein Size (# AA)	329 amino acids
Molecular Weight	36kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: VRTKTWTLKKHFGVGYPTNSDFELKTSELPLKNGEVLLEALFLTVDPYMR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-PTGR1 (ARP54865_P050-FITC) antibody
Blocking Peptide	For anti-PTGR1 (ARP54865_P050-FITC) antibody is Catalog # AAP54865 (Previous Catalog # AAPP31669)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LTB4DH
Uniprot ID	A8K0N2
Protein Name	Prostaglandin reductase 1
Protein Accession #	NP_036344
Purification	Affinity Purified
Nucleotide Accession #	NM_012212
Gene Symbol	PTGR1
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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