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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54803_P050-Biotin
Product Page	www.avivasysbio.com/glo1-antibody-n-terminal-region-biotin-arp54803-p050-biotin.html
Name	GLO1 Antibody - N-terminal region : Biotin (ARP54803_P050-Biotin)
Protein Size (# AA)	184 amino acids
Molecular Weight	21kDa
Conjugation	Biotin
NCBI Gene Id	2739
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glyoxalase I
Alias Symbols	GLYI, GLOD1, HEL-S-74
Peptide Sequence	Synthetic peptide located within the following region: TMLRVKDPKSLDFYTRVLGMTLIQKCDFPIMKFSLYFLAYEDKNDIPKE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Degaffe, G.H., (er) J. Diabetes Complicat. (2008) In press
Description of Target	The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere.
Protein Interactions	MEOX2; UBC; ASB12; IKBKG; MAP3K13; CPLX1; PNP; ITPA; IGBP1; AGL; GLO1;
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-GLO1 (ARP54803_P050-Biotin) antibody
Blocking Peptide	For anti-GLO1 (ARP54803_P050-Biotin) antibody is Catalog # AAP54803 (Previous Catalog # AAPP31607)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GLO1
Uniprot ID	Q04760
Protein Name	Lactoylglutathione lyase
Protein Accession #	NP_006699
Purification	Affinity Purified
Nucleotide Accession #	NM_006708
Gene Symbol	GLO1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Yeast: 86%; Zebrafish: 86%

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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