Hemoglobin (LOC541815) Antibody – Guinea Pig Polyclonal

PRODUCT OVERVIEW

Product Name	Hemoglobin (LOC541815), Polyclonal Antibody
Full Product Name	Guinea pig polyclonal Hemoglobin antibody (biotin)
Product Gene Name	anti-LOC541815 antibody
Product Synonym Names	Hemoglobin antibody (biotin)
Clonality	Polyclonal
Isotype	IgG
Host	Guinea Pig
Form/Format	Supplied with 0.03% Proclin 300, 50% Glycerol and 0.01M PBS, PH 7.4
Purity/Purification	Purified by Ammonium Sulfate precipitation
Preparation and Storage	Store at 4 degree C for short term storage and -20 degree C for long term storage. Avoid repeat freeze/thaw cycles.
Molecular Weight	18,279 Da
3D Structure	ModBase 3D Structure for Q9FY42
Immunogen	Hemoglobin antibody (Biotin) was raised in Guinea pig using Rabbit Hemoglobin as the immunogen
Cross-Reactivity	Human
Conjugate	Biotin
Product Categories/Family for anti-LOC541815 antibody	Nutrition & Metabolism
Applications Tested/Suitable for anti-LOC541815 antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for anti-LOC541815 antibody	MBS5306299 is an antibody targeting LOC541815. Also known as Guinea pig polyclonal Hemoglobin antibody (biotin). Host: Guinea Pig.
Other Notes	Small volumes of anti-LOC541815 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LOC541815. It may not necessarily be applicable to this product.

NCBI GI #	162462053
NCBI GeneID	541815
NCBI Accession #	NP_001104966.1
UniProt Primary Accession #	Q9FY42
GenBank Nucleotide #	NM_001111496.2
NCBI Official Full Name	hemoglobin
NCBI Official Symbol	LOC541815

NCBI Official Synonym Symbols	Hb; GRMZM2G067402
UniProt Protein Name	Non-symbiotic hemoglobin
UniProt Synonym Protein Names	Hbm; ZEAma GLB1
Protein Family	Hemoglobin
UniProt Gene Name	HB
UniProt Synonym Gene Names	GLB1
NCBI Protein Information	hemoglobin
UniProt Comments for LOC541815	May not function as an oxygen storage or transport protein, but might act as an oxygen sensor or play a role in electron transfer, possibly to a bound oxygen molecule.
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