

Datasheet for ABIN704381
anti-Myoglobin antibody (AA 21-120)[2 Images](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Myoglobin (MB)
Binding Specificity:	AA 21-120
Reactivity:	Rat, Mouse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myoglobin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Myoglobin
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat, Sheep
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Myoglobin (MB)
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Target Details

Alternative Name:	Myoglobin (MB Products)
Background:	Synonyms: PVALB, myoglobgin, Myoglobin, MB Background: Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles.
Gene ID:	4151
UniProt:	P02144
Pathways:	Brown Fat Cell Differentiation

Application Details

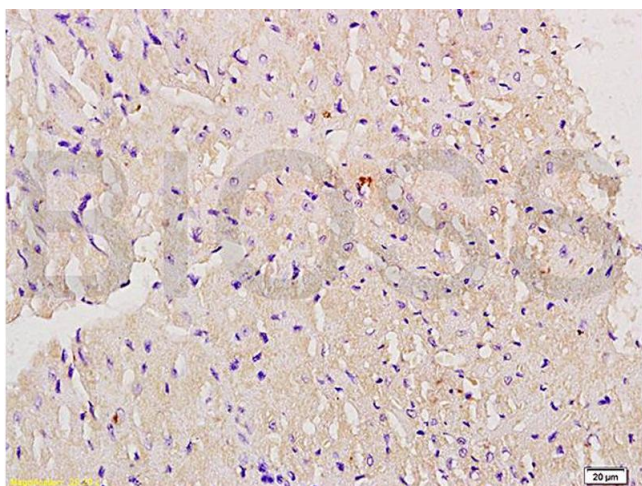
Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

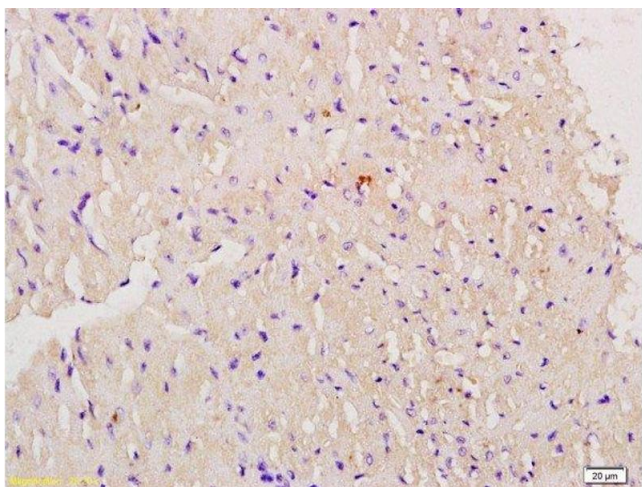
Product cited in: Liu, Schroeder, Barcelo, Bragg, Terry, Wilson, Power, Blood: "Role of blood and vascular smooth muscle in the vasoactivity of nitrite." in: **American journal of physiology. Heart and circulatory physiology**, Vol. 307, Issue 7, pp. H976-86, (2014) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse myocardium labeled with Anti-Myoglobin Polyclonal Antibody, Unconjugated (ABIN704381) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded mouse myocardium labeled with Anti-Myoglobin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.