

Datasheet for ABIN630815
anti-Myoglobin antibody (N-Term)



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1 Image 1 Publication

Overview

Quantity:	100 µL
Target:	Myoglobin (MB)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myoglobin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Myoglobin antibody was raised using the N terminal of MB corresponding to a region with amino acids MGLSDGEWQLVLNVWGKVEADIPGHGQEVLRIRLFKGGHPETLEKFDKFKHL
Specificity:	Myoglobin antibody was raised against the N terminal of MB
Purification:	Affinity purified

Target Details

Target:	Myoglobin (MB)
Alternative Name:	Myoglobin (MB Products)
Background:	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen.

Target Details

Molecular Weight: 17 kDa (MW of target protein)

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: Myoglobin Blocking Peptide, catalog no. 33R-6045, is also available for use as a blocking control in assays to test for specificity of this Myoglobin antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of MB antibody in PBS

Concentration: Lot specific

Buffer: PBS, 0.09% sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained

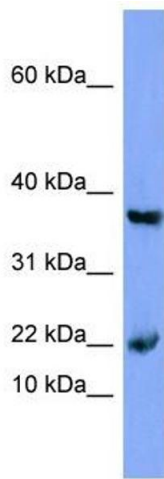
Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Publications

Product cited in: Bell, Wilding, Funke, Perumal, Beck, Wolters, Holz-Müller, Pfeiffer, Grus: "Neuroprotective effects of antibodies on retinal ganglion cells in an adolescent retina organ culture." in: **Journal of neurochemistry**, Vol. 139, Issue 2, pp. 256-269, (2016) ([PubMed](#)).



Western Blotting

Image 1. Myoglobin antibody used at 1 ug/ml to detect target protein.