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Datasheet for ABIN2776879
anti-MB antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	MB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MB
Sequence:	MGLSDGEWQL VLNVWGKVEA DIPGHGQEV LIRLFKGGHPET LEKFDKFKHL
Predicted Reactivity:	Cow: 86%, Dog: 79%, Goat: 86%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 85%, Pig: 86%, Rabbit: 86%, Rat: 79%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against MB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MB
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Target Details

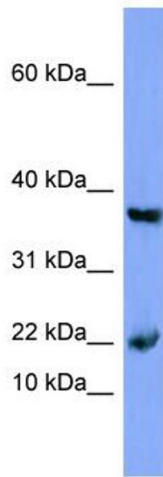
Abstract:	MB Products
Background:	<p>This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alt</p> <p>Alias Symbols: MGC13548, PVALB</p> <p>Protein Interaction Partner: APP, UBC, PSMD4,</p> <p>Protein Size: 154</p>
Molecular Weight:	17 kDa
Gene ID:	4151
NCBI Accession:	NM_005368 , NP_005359
UniProt:	P02144

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 154 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MB Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HT1080 cell lysate