Datasheet for ABIN545431

anti-MTM1 antibody (C-Term)

2 Images | 3 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	MTM1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of MTM1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MTM1.
Cross-Reactivity:	Human, Mouse

Target Details

Target:	MTM1
Alternative Name:	Myotubularin / MTM1 (MTM1 Products)
Gene ID:	4534
Pathways:	Inositol Metabolic Process, Skeletal Muscle Fiber Development

 Copyright antibodies-online. All rights reserved.

Application Details

Application Notes:	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

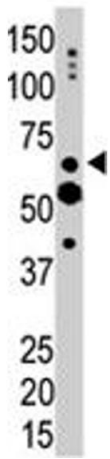
Handling

Format:	Liquid
Buffer:	In 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 staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

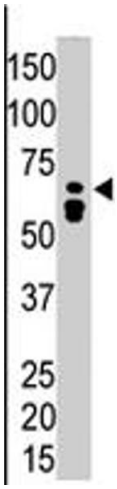
Product cited in:	Biancalana, Caron, Gallati, Baas, Kress, Novelli, DApice, Lagier-Tourenne, Buj-Bello, Romero, Mandel: "Characterisation of mutations in 77 patients with X-linked myotubular myopathy, including a family with a very mild phenotype." in: **Human genetics**, Vol. 112, Issue 2, pp. 135-42 , (2003) (PubMed). Nandurkar, Layton, Laporte, Selan, Corcoran, Caldwell, Mochizuki, Majerus, Mitchell: " Identification of myotubularin as the lipid phosphatase catalytic subunit associated with the 3-phosphatase adapter protein, 3-PAP." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 100, Issue 15, pp. 8660-5, (2003) (PubMed). Wishart, Dixon: "PTEN and myotubularin phosphatases: from 3-phosphoinositide dephosphorylation to disease." in: **Trends in cell biology**, Vol. 12, Issue 12, pp. 579-85, (2002) (PubMed).

Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. The MTM1 polyclonal antibody is used in Western blot to detect MTM1 in NCI-H460 cell lysate .



Western Blotting

Image 2. The MTM1 polyclonal antibody is used in Western blot to detect MTM1 in mouse heart tissue lysate .

 Copyright antibodies-online. All rights reserved.