Datasheet for ABIN263192

anti-MYF5 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	MYF5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MYF5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	MYF5
Immunogen:	Peptide with sequence PECNSPVWSRKSST, from the internal region of the protein sequence according to NP_005584.1.
Sequence:	PECNSPVWSR KSST
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	MYF5
Alternative Name:	MYF5 (MYF5 Products)
Background:	MYF5 , myogenic factor 5
Gene ID:	4617
NCBI Accession:	NP_005584
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Human Skeletal Muscle lysates (calculated MW of 28.4 kDa according to NP_005584.1). Recommended concentration: 0.5-1.5 µg/mL. An additional band of 26 kDa was consistently observed, however this band was not bloc Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

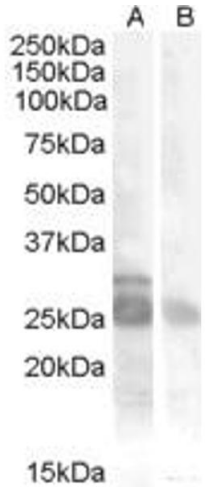

Image 1. ABIN263192 (0.5µg/ml) staining of Muscle lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.