

Datasheet for ABIN2779471
anti-MYF5 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	MYF5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Goat, Guinea Pig, Horse, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYF5 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 MYF5
Sequence:	ACKACKRKST TMDRRKAATM RERRRLKKVN QAFETLKRCT TTNPNQRLPK
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against MYF5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MYF5
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Target Details

Alternative Name:	MYF5 (MYF5 Products)
Background:	<p>MYF5 is a member of the myogenic basic helix-loop-helix family of transcription factors, which can activate the muscle differentiation program.</p> <p>Alias Symbols: bHLHc2</p> <p>Protein Interaction Partner: ELSPBP1, ID1, MDFI, ID2, ID3, MYF5, TCF3, CSNK2A2, CSNK2A1, CALM3, CALM1,</p> <p>Protein Size: 255</p>
Molecular Weight:	28 kDa
Gene ID:	4617
NCBI Accession:	NM_005593 , NP_005584
UniProt:	P13349
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 255 AA
Restrictions:	For Research Use only

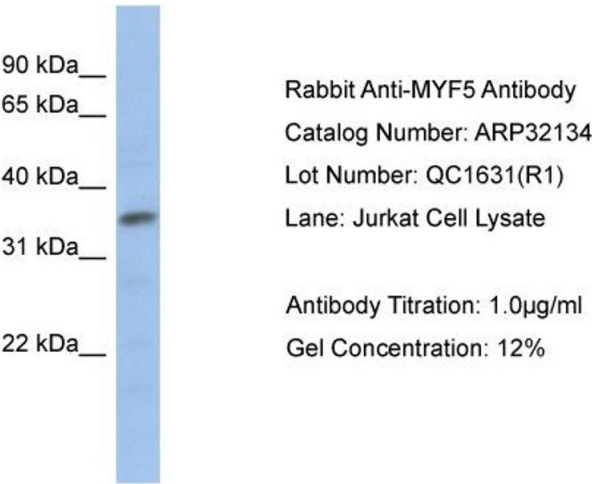
Handling

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.

Publications

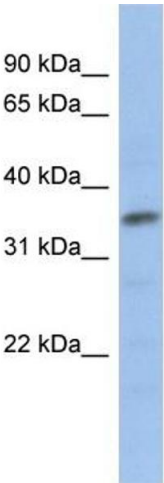
Product cited in: Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1 regulation with glucocorticoid receptor-interacting protei" in: **Molecular pharmacology**, Vol. 67, Issue 3, pp. 845-55, (2005) ([PubMed](#)).

Images



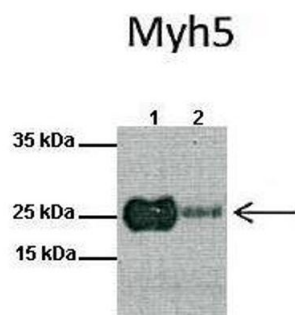
Western Blotting

Image 1.



Western Blotting

Image 2. WB Suggested Anti-MYF5 Antibody Titration: 1 ug/ml Positive Control: Human Jurkat Cell



Western Blotting

Image 3. Lanes: 1: Mouse heart lysate, 2: Mouse skeletal muscle lysate Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:10000 Gene Name: MYF5 Submitted by: Anonymous

See Immunoblot 2 Data and customer Feedback for more Information