

## Rabbit MYF5 Polyclonal Antibody | anti-MYF5 antibody

MYF5 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                                                                                                              | APPLICATIONS |
|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| AAA197292 | Rabbit | Tested Species Reactivity: Human, Mouse<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish | Western Blot |

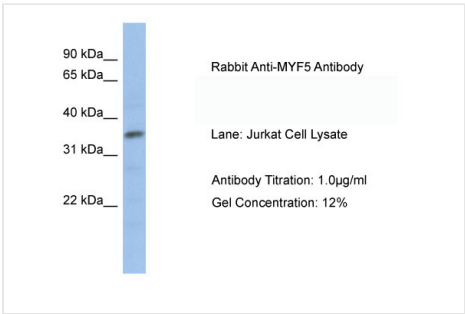
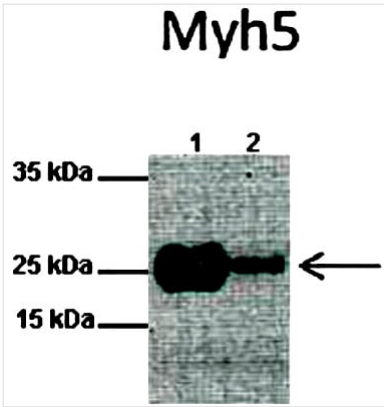
### PRODUCT SYNONYMS

MYF5; Polyclonal Antibody; MYF5 antibody - N-terminal region; EORVA; bHLHc2; anti-MYF5 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                  |
| Reactivity                                     | Tested Species Reactivity: Human, Mouse<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish |
| Clonality                                      | Polyclonal                                                                                                                                              |
| Purity/Purification                            | Affinity Purified                                                                                                                                       |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                       |
| Concentration                                  | 0.5 mg/mL (varies by lot)                                                                                                                               |
| Sequence                                       | Synthetic peptide located within the following region: AC KACKRKSTTM DRRKAATMRE RRRLKKNQA<br>FETLKRCTTT NPNQRLPK                                        |
| Sequence Length                                | 255                                                                                                                                                     |
| Applicable Applications for anti-MYF5 antibody | WB (Western Blot)                                                                                                                                       |
| Homology                                       | Cow: 100%; Dog: 93%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%          |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human MYF5                                                               |
| Protein Size (# AA)                            | 255 amino acids                                                                                                                                         |
| Protein Interactions                           | ELSPBP1; ID1; MDFI; ID2; ID3; MYF5; TCF3; CSNK2A2; CSNK2A1; CALM3; CALM1;                                                                               |
| Blocking Peptide                               | For anti-MYF5 antibody is Catalog #                                                                                                                     |
| Preparation and Storage                        | 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.                 |

IMAGES



WB (Western Blot)  
WB Suggested Anti-MYF5 AntibodyTitration: 1 ug/mlPositive Control: Human Jurkat Cell

WB (Western Blot)  
Lanes:1: Mouse heart lysate, 2: Mouse skeletal muscle lysatePrimary Antibody  
Dilution:1:1000Secondary Antibody:Anti-rabbit HRPSecondary Antibody  
Dilution:1:10000Gene Name:MYF5Submitted by:Anonymous

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYF5 antibody | This is a rabbit polyclonal antibody against MYF5. It was validated on Western Blot using a cell lysate as a positive control.<br><br>Target Description: MYF5 is a member of the myogenic basic helix-loop-helix family of transcription factors, which can activate the muscle differentiation program. |
| Product Categories/Family for anti-MYF5 antibody   | Polyclonal; Transcription Factor; Transcription Regulation; Transcription Factors; Cell Differentiation                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                       |
|----------------------------------|-----------------------|
| NCBI GI #                        | 156104906             |
| NCBI GeneID                      | 4617                  |
| NCBI Accession #                 | NP_005584             |
| NCBI GenBank Nucleotide #        | NM_005593             |
| UniProt Accession #              | P13349                |
| Molecular Weight                 | 28kDa                 |
| NCBI Official Full Name          | myogenic factor 5     |
| NCBI Official Synonym Full Names | myogenic factor 5     |
| NCBI Official Symbol             | MYF5                  |
| NCBI Official Synonym Symbols    | EORVA; bHLHc2         |
| NCBI Protein Information         | myogenic factor 5     |
| UniProt Protein Name             | Myogenic factor 5     |
| UniProt Gene Name                | MYF5                  |
| UniProt Synonym Gene Names       | BHLHC2; Myf-5; bHLHc2 |
| UniProt Entry Name               | MYF5_HUMAN            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/myf5-antibody-western-blot-elisa/197292>