

Rabbit MYF5 Polyclonal Antibody | anti-MYF5 antibody

MYF5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323799	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MYF5; Polyclonal Antibody; MYF5 Antibody; bHLHc2; Class C basic helix loop helix protein 2; Class C basic helix-loop-helix protein 2; Myf 5; Myf-5; Myf5; MYF5_HUMAN; Myogenic factor 5; anti-MYF5 antibody

PRODUCT SPECIFICATIONS

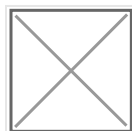
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	MYF5 antibody detects endogenous levels of total MYF5
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	255
Applicable Applications for anti-MYF5 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MYF5, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



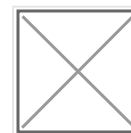
WB (Western Blot)

Western blot analysis of extracts from Rat kidney, using MYF5 Antibody. The lane on the left was treated with blocking peptide.



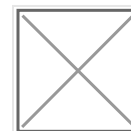
IHC (Immunohistochemistry)

AAA323799 at 1/100 staining Rat testis tissue by IHC-P. This sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4° overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using MYF5 Antibody. Lane 1: Mouse brain lysates, Lane 2: Mouse muscle lysates, Lane 3: Mouse liver lysates, Lane 4: Rat brain lysates



IF (Immunofluorescence)

AAA323799 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA323799) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor 594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor 488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MYF5 antibody	Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156104906
NCBI GeneID	4617
NCBI Accession #	NP_005584.2
NCBI GenBank Nucleotide #	NM_005593.2
UniProt Accession #	P13349; Q6ISR9
Molecular Weight	28 KD
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myf5-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/323799>