



## Anti-MYF5 polyclonal antibody (DPAB-DC1978)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	MYF5 (myogenic factor 5) is a protein-coding gene. Diseases associated with MYF5 include cerebro-costo-mandibular syndrome, and desmoplastic small round cell tumor, and among its related super-pathways are Myogenesis and Axon guidance. GO annotations related to this gene include E-box binding and protein heterodimerization activity. An important paralog of this gene is MYOD1.
<b>Immunogen</b>	A synthetic peptide corresponding to human MYF5. The sequence is PECNSPVWSRKSSST
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">MYF5 myogenic factor 5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MYF5
<b>Synonyms</b>	MYF5; myogenic factor 5; bHLHc2; myf-5; class C basic helix-loop-helix protein 2;
<b>Entrez Gene ID</b>	<a href="#">4617</a>
<b>Protein Refseq</b>	<a href="#">NP_005584</a>
<b>UniProt ID</b>	<a href="#">P13349</a>
<b>Chromosome Location</b>	12q21
<b>Pathway</b>	CDO in myogenesis; Id Signaling Pathway; Regulation of Wnt-mediated beta catenin signaling and target gene transcription;
<b>Function</b>	contributes_to E-box binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding; protein heterodimerization activity

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