



Anti-MYF5 polyclonal antibody (DPAB-DC1978)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide corresponding to human MYF5. The sequence is PECNSPVWSRKSST
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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