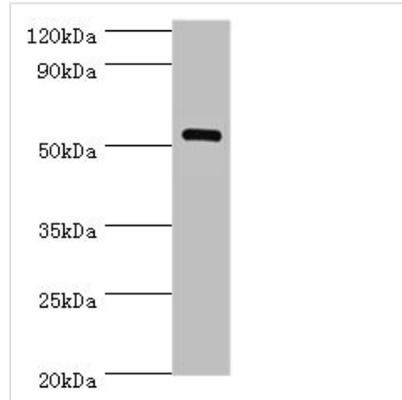




# MEF2C Antibody

<b>Product Code</b>	CSB-PA804958ESR1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q06413
<b>Immunogen</b>	Recombinant Human Myocyte-specific enhancer factor 2C protein (170-380AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200
<b>Relevance</b>	<p>Transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. Controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. Plays an essential role in hippocampal-dependent learning and memory by suppressing the number of excitatory synapses and thus regulating basal and evoked synaptic transmission. Crucial for normal neuronal development, distribution, and electrical activity in the neocortex. Necessary for proper development of megakaryocytes and platelets and for bone marrow B-lymphopoiesis. Required for B-cell survival and proliferation in response to BCR stimulation, efficient IgG1 antibody responses to T-cell-dependent antigens and for normal induction of germinal center B-cells. May also be involved in neurogenesis and in the development of cortical architecture (By similarity). Isoform 3 and isoform 4, which lack the repressor domain, are more active than isoform 1 and isoform 2.</p>
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Myocyte-specific enhancer factor 2C (Myocyte enhancer factor 2C), MEF2C
<b>Species</b>	Human
<b>Research Area</b>	Signal Transduction
<b>Target Names</b>	MEF2C
<b>Image</b>	

**Western blot**

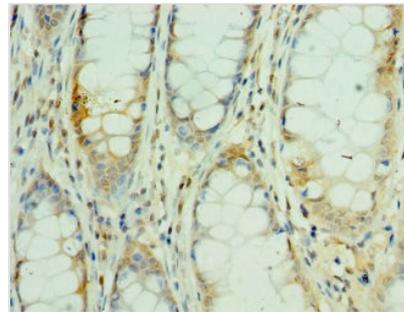
All lanes: MEF2C antibody at 1 $\mu$ g/ml + Mouse skeletal muscle tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 52, 51, 48, 45, 53 kDa

Observed band size: 52 kDa



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA804958ESR1HU at dilution of 1:100