Anti-Phospho-MEF2C (Ser396) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108885

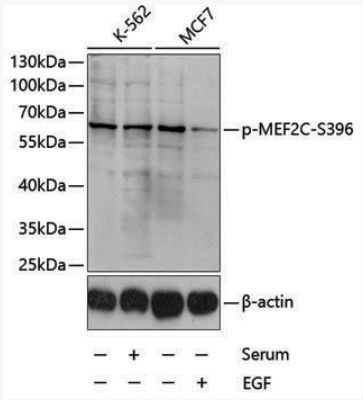
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S396 of human MEF2C (NP_002388.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-MEF2C (Ser396) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	NEDHSIL; DEL5q14.3; C5DELq14.3; Phospho-MEF2C-S396.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 60 kDa
Uniprot ID	Q06413
Gene ID	4208
Background	This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe cognitive disability, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described.

Validation Images



Western blot analysis of lysates from K-562 and MCF-7 cells, using Phospho-MEF2C-S396 Rabbit pAb (P108885) at 1:1,000 dilution. K562 cells were treated by 10% FBS for 30 minutes after serum-starvation overnight. MCF7 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.