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Phospho-MEF2C-S396 Rabbit pAb

Catalog No.: AP0075

Basic Information

Observed MW
60kDa

Calculated MW
51kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
4208

Swiss Prot
Q06413

Immunogen
A synthetic phosphorylated peptide around S396 of human MEF2C (NP_002388.2).

Synonyms
NEDHSIL; DEL5q14.3; C5DELq14.3; Phospho-MEF2C-S396

Contact

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Product Information

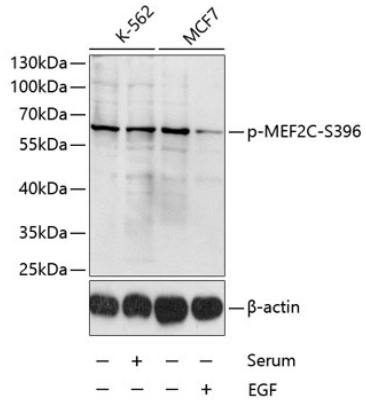
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from K-562 and MCF-7 cells, using Phospho-MEF2C-S396 Rabbit pAb (AP0075) at 1:1000 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 Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.