

# Phospho-MEF2C-S396 Rabbit pAb

Catalog No.: AP0075

## Basic Information

### Observed MW

60kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

WB, ELISA

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

4208

### Swiss Prot

Q06413

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

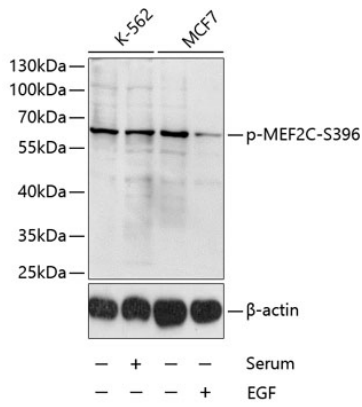
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## 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-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.