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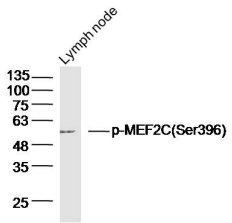
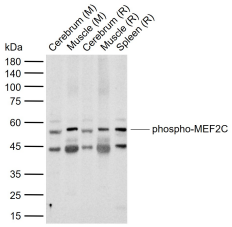
# phospho-MEF2C (Ser396) Rabbit pAb

| | |
|---|---|
| Catalog Number: | bs-5480R |
| Target Protein: | phospho-MEF2C (Ser396) |
| Concentration: | 1mg/ml |
| Form: | Liquid |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Applications: | WB (1:500-2000) |
| Reactivity: | Mouse, Rat (predicted:Human, Rabbit, Pig, Dog) |
| Predicted MW: | 51 kDa |
| Entrez Gene: | 4208 |
| Swiss Prot: | Q06413 |
| Source: | KLH conjugated Synthesised phosphopeptide derived from human MEF2C around the phosphorylation site of Ser396: PV(p-S)PP. |
| Purification: | affinity purified by Protein A |
| Storage: | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Background: | MEF2C is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. This protein controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It may also be involved in neurogenesis and in the development of cortical architecture. |

## VALIDATION IMAGES




Sample: Lymph node(Mouse)Lysate at 40 ug Primary: Anti-p-MEF2C(Ser396)(bs-5480R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 51kD Observed band size: 51kD




Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Muscle tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Muscle tissue lysates Lane 5: Rat Spleen tissue lysates Primary: Anti-phospho-MEF2C (Ser396) (bs-5480R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 51 kDa

## PRODUCT SPECIFIC PUBLICATIONS

[IF=5.714] Ruyi Qu. et al. Glucocorticoids improve the balance of M1/M2 macrophage polarization in experimental autoimmune uveitis through the P38MAPK-MEF2C axis. INT IMMUNOPHARMACOL. 2023 Jul;120:110392 WB ; Rat . 37262960

[IF=3.913] Fengyun Wen. et al. The Mef2c/AdipoR1 axis is responsible for myogenic differentiation and is regulated by resistin in skeletal muscles. GENE. 2023 Mar;857:147193 WB ; Mouse . 36641076